# DR-590T/E

# Service Manual

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### SPECIFICATIONS

# **■ General** Frequency

Frequency coverage············• DR-590T (U.S. Version)

144.000 – 147.995MHz (TX), 137.000 – 173.995MHz (RX), 440.000 – 449.995MHz (TX), 410.000 – 469.995MHz (RX)

◆DR-590E (Europe Version) 144.000 −145.995MHz (TX & RX) 430.000 −439.995MHz (TX & RX)

Antenna Impedance ·····50 Ohms, unbalanced

Power Supply Requirement ·······13.8 Volts D.C. Current Drain at 13.8V ······Receiving

Squelched: does not exceed 800mA

Trans-mitting

VHF High: 45W approx. 9.5A
Middle: 10W approx. 4.5A
Low: 5W approx. 3.5A
UHF High: 35W approx. 10A
Middle: 8W approx. 5A

Low: 4W approx. 4A

Dimension ------150mm(W) X 50mm(H) X 178mm(D)

(5-9/10") (2") (7")

Weight ----------Approx. 1.5kgs (3.3lbs.)

#### ■ Transmitter

Output Power ···········VHF High: Approx. 45W

Middle: 10W Low: 5W

UHF High: Approx. 35W

Middle: 8W Low: 4W

Emission Mode ······F3 (FM)

Modulation System ······Variable Reactance F.M.

Max. Frequency Deviation ····· ±5kHz

Operating Mode ·····Simplex

Duplex:

5kHz and 12.5kHz steps between 0 and 10.995MHz from receive

frequency at 144-147.995MHz and 440-449.995MHz

DTMF Encoder ......Built-in (DR-590T only)

#### **■**Receiver

Receiving System .....Superheterodyne, Dual Conversion

Modulation Acceptance ······F3 (FM)

Intermediate Frequency .....1st 21.6MHz and 455kHz at VHF

1st 30.825MHz and 455kHz at UHF

±12kHz or under at -60dB

Audio Power Output·····Approx. 2.5W Speaker Impedance·····8 Ohms

#### **MODEL CHART**

<del></del>		
Type	DR-590T	DR-590E
Tone Burst	Not Available	1.750Hz
Subaudible Tone	Encode Included, Decode Optional	Optional
DTMF	Included (16 Buttons)	Optional

Note: Specifications are approximate and are subject to change without notice or obligation.

## **PARTS LIST**

Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number
	VH	F MAIN Unit	C90	CS0061	Chip Tantal, TMC1V224TR	R38	RK0081	Chip R, MCR10EZHJ564E
	T		C91	CU8016	Chip C, C2012B1H102K	R39	RK0042	Chip R, MCR10EZHJ332E
C1	CU9007	Chip C, CC3216CH1H330J	C92	CU8016	Chip C, C2012B1H102K	R40	RK0047	Chip R, MCR10EZHJ562E
C2	CU8016	Chip C, C2012B1H102K	C93	CU8016	Chip C, C2012B1H102K	R41	RK0056	Chip R, MCR10EZHJ223E
C3	CU0060	Chip C. C2012CH1H470J	C94	CU8016	Chip C, C2012B1H102K	R42	RK0056 RK0062	Chip R, MCR10EZHJ223E
C4	CU8016	Chip C, C2012B1H102K	C95	CU0062	Chip C, C2012CH1H150J	R43		Chip R, MCR10EZHJ473E
C6	CU0069	Chip C, C2012CH1H680J	C96	CU0051	Chip C, C2012CH1H471K	R44	RK0035 RK0035	Chip R,MCR10EZHJ102E Chip R,MCR10EZHJ102E
C7	CU0060	Chip C, C2012CH1H470J	C97	CU8016	Chip C, C2012B1H102K	R45 R46	RK0033	Chip R, MCR10EZHJ101E
C8	CU0067	Chip C, C2012CH1H390J	C98	CU8016	Chip C, C2012B1H102K	R47	RK0018	Chip R, MCR10EZHJ564E
C11	CU8016	Chip C, C2012B1H102K	C99	CU8016	Chip C, C2012B1H102K	R48	RK0052	Chip R. MCR10EZHJ103E
C12	CU0071	Chip C, C2012CH1H101J	C100	CU8016	Chip C, C2012B1H102K	R49	RK0032	Chip R. MCR10EZHJ222E
C13	CU8016	Chip C, C2012B1H102K	C101	CU0003	Chip C, C2012CH1H020C	R50	RK0023	Chip R. MCR10EZHJ271E
C14	CU8016	Chip C, C2012B1H102K	C102	CU8016	Chip C, C2012B1H102K	R51	RK0056	Chip R, MCR10EZHJ223E
C15	CU0062	Chip C, C2012CH1H150J	C104	CE0312	Chemical C, 16CV 10B Chip C, C2012B1H102K	R52	RK0062	Chip R, MCR10EZHJ473E
C17	CU8016	Chip C, C2012B1H102K	C105	CU8016	Chip C, CM316Y5V105Z25VAT	R53	RK0052	Chip R, MCR10EZHJ103E
C18	CU0060	Chip C, C2012CH1H470J	C106	CU8038	Chemical C, 16CV 10B	R54	RK0081	Chip R, MCR10EZHJ564E
C19	CU0060	Chip C, C2012CH1H470J	C107	CE0312 CU8038	Chip C, CM316Y5V105Z25VAT	R55	RK0045	Chip R, MCR10EZHJ472E
C20	CE0030	Chemical C, 16MS7 10	C108	CE0124	Chemical C, 16MS7 47	R56	RK0079	Chip R, MCR10EZHJ474E
C21	CU8032	Chip C, C2012B1E223K	C110	CE0042	Chemical C, 16W 220 µF	R57	RK0039	Chip R, MCR10EZHJ222E
C22	CU8003	Chip C, C2012JF1E104Z	C111	CE0124	Chemical C, 16WS7 47	R58	RK0039	Chip R, MCR10EZHJ222E
C23	CU8003	Chip C, C2012JF1E104Z	C112	CE0124	Chemical C, 16MS7 47	R59	RK0107	Chip R, MCR10EZHJ000E
C24	CU8003	Chip C, C2012JF1E104Z	C113	CE0124	Chemical C, 16MS7 47	R60	RK0069	Chip R. MCR10EZHJ104E
C26	CU8016	Chip C, C2012B1H102K	C114	CE0124	Chemical C, 10TWSS 470	R61	RK0039	Chip R, MCR10EZHJ222E
C28	CU8016	Chip C, C2012B1H102K	C114	CE0181	Chemical C, 10TWSS 470	R62	RK0042	Chip R. MCR10EZHJ332E
C29	CU8016	Chip C, C2012B1H102K	C116	CU8003	Chip C. C2012JF1E104Z	R63	RK0069	Chip R. MCR10EZHJ104E
C30	CU8028	Chip C, C2012B1H103K	C117	CU8003	Chip C, C2012JF1E104Z	R66	RK0045	Chip R. MCR10EZHJ472E
C31	CS0060	Chip Tantal, TMC1E474	C118	CE0192	Chemical C, 16TWSS 470	R67	RK0001	Chip R. MCR10EZHJ100E
C35	CU8003	Chip C, C2012JF1E104Z	C119	CU8016	Chip C, C2012B1H102K	R68	RK0056	Chip R, MCR10EZHJ223E
C36	CU0045	Chip C, C2012CH1H271K	C120	CU0071	Chip C. C2012CH1H101J	R69	RK0052	Chip R. MCR10EZHJ103E
C37	CU8016	Chip C, C2012B1H102K	C123	CU0051	Chip C, C2012CH1H471K	R70	RK0035	Chip R. MCR10EZHJ102E
C38	CS0061	Chip Tantal, TMC1V224	C124	CU0003	Chip C, C2012CH1H020C	R71	RK0018	Chip R. MCR10EZHJ101E
C39	CS0061	Chip Tantal, TMC1V224	C125	CU8032	Chip C, C2012B1E223K	R72	RK0076	Chip R, MCR10EZHJ334E
C40	CU8035	Chip C, C2012B1E393K	C126	CU0011	Chip C, C2012CH1H100D	R73	RK0039	Chip R, MCR10EZHJ222E
C41	CU8028	Chip C, C2012B1H103K	C127	CU0066	Chip C, C2012CH1H330J	R74	RK0018	Chip R, MCR10EZHJ101E
C42	CU8034	Chip C, C2012X7R1E333K	C128	CU0067	Chip C, C2012CH1H390J	R75	RK0052	Chip R. MCR10EZHJ103E
C43	CU8035 CU8025	Chip C, C2012B1E393K	C129	CU8016	Chip C, C2012B1H102K	R76	RK0052	Chip R, MCR10EZHJ103E
C44		Chip C, C2012B1H562K Chip C, C2012B1H562K	C130	CU8003	Chip C, C2012JF1E104Z	R77	RK0038	Chip R, MCR10EZHJ182E
C45	CU8025 CU8016	Chip C, C2012B1H102K	C131	CU0051	Chip C, C2012CH1H471K	R78	RK0056	Chip R, MCR10EZHJ223E
C46 C47	CE0124	Chemical C, 16MS7 47	C132	CU8016	Chip C, C2012B1H102K	R79	RK0038	Chip R. MCR10EZHJ182E
C48	CU8038	Chip C, CM316Y5V105Z25VA	C133	CU0006	Chip C, C2012CH1H050C	R80	RK0052	Chip R, MCR10EZHJ103E
C49	CU8038	Chip C, CM316Y5V105Z25VA	C134	CE0312	Chemical C, 16CV 10B	R81	RK0052	Chip R, MCR10EZHJ103E
C50	CU8016	Chip C, C2012B1H102K	C136	CU8016	Chip C, C2012B1H102K	R82	RK0056	Chip R, MCR10EZHJ223E
C51	CU8016	Chip C, C2012B1H102K	C137	CE0312	Chemical C, 16CV 10B	R83	RK0018	Chip R, MCR10EZHJ101E
C52	CU8016	Chip C, C2012B1H102K	C139	CU0066	Chip C. C2012CH1H330J	R84	RK0039	Chip R, MCR10EZHJ222E
C53	CU8016	Chip C, C2012B1H102K	C140	CU8034	Chip C, C2012X7R1E333K	R85	RK0018	Chip R, MCR10EZHJ101E
C54	CU8028	Chip C, C2012B1H103K	C141	CU8016	Chip C. C2012B1H102K	R86	RK0035	Chip R, MCR10EZHJ102E
C55	CU8028	Chip C, C2012B1H103K	C142	CE0033	Chemical C, 10MV 10UWA	R87	RK0056	Chip R, MCR10EZHJ223E
C56	CU8016	Chip C, C2012B1H102K	C143	CU8016	Chip C, C2012B1H102K	R88	RK0045	Chip R, MCR10EZHJ472E
C57	CU8016	Chip C, C2012B1H102K	C145	CU8016	Chip C, C2012B1H102K	R89	RK0014	Chip R, MCR10EZHJ680E
C58	CU8016	Chip C, C2012B1H102K		000010	3,712 3, 323723777	R90	RK0018	Chip R, MCR10EZHJ101E
C59	CU8016	Chip C, C2012B1H102K	R1	RK0059	Chip R, MCR10EZHJ333E	R91	RK0025	Chip R, MCR10EZHJ331E
C60	CU0004	Chip C, C2012CH1H030C	R2	RK0052	Chip R. MCR10EZHJ103E	R92	RK0011	Chip R, MCR10EZHJ470E
C62	CU0068	Chip C, C2012CH1H560J	R3	RK0018	Chip R, MCR10EZHJ101E	R93	RK0037	Chip R, MCR10EZHJ152E
C63	CU8016	Chip C, C2012B1H102K	R4	RK0069	Chip R, MCR10EZHJ104E	R94	RK0008	Chip R, MCR10EZHJ330E
C64	CE0312	Chemical C, 16CV 10B	R5	RK0011	Chip R, MCR10EZHJ470E	R95	RK0011	Chip R, MCR10EZHJ470E
C65	CS0049	Chip Tantal, TMC1C105	R6	RK0018	Chip R, MCR10EZHJ101E	R96	RK0022	Chip R, MCR10EZHJ221E
C66	CU8016	Chip C, C2012B1H102K	R8	RK0069	Chip R, MCR10EZHJ104E	R97	RK0128	Chip R, MCR10EZHJ5R6E
C67	CU0064	Chip C, C2012CH1H220J	R9	RK0069	Chip R, MCR10EZHJ104E	R98	RK0022	Chip R, MCR10EZHJ221E
C68	CU0071	Chip C, C2012CH1H101J	R10	RK0069	Chip R, MCR10EZHJ104E	R99	RK2010	Chip R, MCR10EZHJ330E
C69	CU0043	Chip C, C2012CH1H221K	R11	RK0035	Chip R, MCR10EZHJ102E	R100	RK0035	Chip R, MCR10EZHJ102E
C70	CU8028	Chip C, C201281H103K	R12	RK0056	Chip R, MCR10EZHJ223E	R101	RK0056	Chip R, MCR10EZHJ223E
C71	CU8016	Chip C, C2012B1H103K	R13	RK0011	Chip R, MCR10EZHJ470E	R102	RK0052	Chip R, MCR10EZHJ103E
C72	CU0006	Chip C, C2012CH1H050C	R14	RK0045	Chip R, MCR10EZHJ472E	R103	RK0052	Chip R, MCR10EZHJ103E
C73	CU8016	Chip C, C201281H1036	R15	RK0074	Chip R, MCR10EZHJ274E	R104	RK0056	Chip R, MCR10EZHJ223E
C74	CU8028	Chip C, C201281H102K	R16	RK0018	Chip R, MCR10EZHJ101E	R105	RK2000	Chip R, MCR50EZHJ4R7E
C75	CU8028	Chip C, C2012B1H103K	R17	RK0018	Chip R, MCR10EZHJ101E	R106	RK0011	Chip R, MCR10EZHJ470E
C76	CU0071	Chip C, C2012CH1H101J	R18	RK0018	Chip R, MCR10EZHJ101E	R107	RK0130	Chip R, MCR10EZHJ4R7E
C77	CU0071	Chip C, C2012CH1H101J	R19	RK0062	Chip R, MCR10EZHJ473E	R108	RK0130	Chip R, MCR10EZHJ4R7E
C78	CU0071	Chip C, C2012CH1H101J	R23	RK0028	Chip R, MCR10EZHJ471E	R111	RK0011	Chip R, MCR10EZHJ470E
C79	CU8038	Chip C. CM316Y5V105Z25VAT	R24	RK0076	Chip R, MCR10EZHJ334E	R112	RK0037	Chip R, MCR10EZHJ152E
C80	CU8016	Chip C, C2012B1H102K	R25	RK0035	Chip R, MCR10EZHJ102E	R113	RK0045	Chip R, MCR10EZHJ472E
C81	CU0066	Chip C, C2012CH1H330J	R26	RK0056	Chip R, MCR10EZHJ223E	R114	RK0023	Chip R, MCR10EZHJ271E
C82	CS0049	Chip Tantal, TMC1C105	R27	RK0035	Chip R, MCR10EZHJ102E	R115	RK0023	Chip R, MCR10EZHJ271E
C83	CU8016	Chip C, C2012B1H102K	R28	RK0076	Chip R, MCR10EZHJ334E	R116	RK0069	Chip R, MCR10EZHJ104E
C84	CU8016	Chip C, C2012B1H102K	R29	RK0044	Chip R, MCR10EZHJ392E	R117	RK0070	Chip R, MCR10EZHJ124E
C85	CE0315	Chemical C, 16CV 47B	R30	RK0069	Chip R, MCR10EZHJ104E	R119	RK0052	Chip R, MCR10EZHJ103E
C86	CU0051	Chip C, C2012CH1H471K	R31	RK0035	Chip R, MCR10EZHJ102E	R120	RK1107	Chip R, MCR18EZHJ000E
087 087	CU8016	Chip C, C2012B1H102K	R32	RK0052	Chip R, MCR10EZHJ103E	R121	RK0035	Chip R, MCR10EZHJ102E
C88	CU8016	Chip C, C2012B1H102K	R33	RK0069	Chip R, MCR10EZHJ104E	R122	RK0071	Chip R, MCR10EZHJ154E
	CU0051	Chip C, C2012CH1H471K	R35	RK0025	Chip R, MCR10EZHJ331E	R123	RK2000	Chip R, MCR50EZHJ4R7E
C89			1 1100	TIMOUZU	O THE THE MONTH VELLINOUS ! L	1 1		.,

Ref.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number
R124	RK0059	Chip R. MCR10EZHJ333E	L3	QA0066	Coil, 144M S-10	C64	CU8016	Chip C, C2012B1H102K
R125	RK0073	Chip R, MCR10EZHJ224E	L4	QA0066	Coil, 144M S-10	C65	CU0071	Chip C, C2012CH1H101J
			L5	QA0005	Coil, 40092	C66	CU0071	Chip C, C2012CH1H101J
TP1	UE0041	Pin Jack, TMP-J01X-V6	L6	QA0005	Coil, 40092	C67	CU0071	Chip C, C2012CH1H101J
TP2	UE0047	Round Pin, R9 ×10	L7	QA0044	Coil, 455kHz	C68	CU8038	Chip C, CM316Y5V105Z25VA
TP3	UE0047	Round Pin, R9 ×10	L8	QA0058	Coil	C69	CU8016	Chip C, C2012B1H102K
TP4	UE0047	Round Pin, R9 ×10	L9	QC0034	Chip Coil, NL322522T-R39M	C70	CU8016	Chip C, C2012B1H102K
			L10	QC0065	Chip Coil, NL322522T-068M	C71	CU0004	Chip C, C2012CH1H030C
CN30	UE0043	Post With Base, PI22A02M	L11	QC0067	Chip Coil, NL322522T-R10M	C72	CU8016	Chip C, C2012B1H102K
CN31	UE0109	Connector, 52030-1810	L12	QC0063	Chip Coil, NL322522T-047M	C73	CU0006	Chip C, C2012CH1H050C Chip C, C2012B1H102K
CN32	UE0113	Connector, 5512-03A	VR1	RH0036	VID OVID 404 1004D	C74 C75	CU8016 CU0051	Chip C, C2012CH1H471K
CN33 CN34	UE0108 UE0075	Connector, 6FE-BT Pin Jack, TMP-J01X-A2	VR2	RH0031	VR, CVR-42A-102AD VR, CVR-42A-103AD	C76	CU0051	Chip C, C2012CH1H471K
CN35	UE0075	Pin Jack, TMP-J01X-A2	VR3	RH0038	VR, CVR-42A-473AD	C77	CU0051	Chip C, C2012CH1H471K
UNGO	00070	1 11 Odok, IIII GOTA AZ	1110	11110000	11, 0111 42K 475KD	C78	CU0051	Chip C, C2012CH1H471K
IC1	XA0070	IC, MC3361D	TC1	CT0031	Trimmer, CTZ-05A	C79	CU0006	Chip C, C2012CH1H050C
IC2	XA0033	IC, μPC393G	TC2	CT0030	Trimmer, CTZ-20C	C80	CU0051	Chip C, C2012CH1H471K
IC3	XA0114	IC, μ PD6345GS	TC3	CT0030	Trimmer, CTZ-20C	C81	CU0051	Chip C, C2012CH1H471K
IC4	XA0116	IC, LA4445			·	C82	CU0063	Chip C, C2012CH1H180J
IC5	XA0115	IC, TC4S66F		114	E MAINI Limit	C83	CU0004	Chip C, C2012CH1H030C
IC6	XA0115	IC, TC4S66F		UH	F MAIN Unit	C84	CU0051	Chip C, C2012CH1H471K
IC7	XA0087	IC, TC4S01F	C1	CU8016	Chip C. C2012B1H102K	C85	CU0062	Chip C, C2012CH1H150J
n1	VDALLA	D:- D 10V100	C2	CU0006	Chip C, C2012CH1H050C	C86 C87	CU0051 CU0051	Chip C, C2012CH1H471K Chip C, C2012CH1H471K
D1	XD0112	Pin-D, 1SV128	C3	CU8028	Chip C, C2012CH1H103K	C88	CE0312	Chemical C, 16CV10B
D2 D3	XD0100 XD0100	Varicap, 1SV164	C4	CU0071	Chip C, C2012CH1H101J	C89	CE0312	Chemical C, 16CV10B
D4	XD0100 XD0100	Varicap, 1SV164 Varicap, 1SV164	C5	CU0003	Chip C, C2012CH1H020C	C90	CU0051	Chip C, C2012CH1H471K
D5	XD0100	Varicap, 15V164 Varicap, 15V164	C6	CU8016	Chip C, C2012B1H102K	C91	CU0051	Chip C, C2012CH1H471K
D7	XD0100	Varicap, 1SV164	C7	CU0067	Chip C, C2012CH1H390J	C92	CU0051	Chip C, C2012CH1H471K
D8	XD0100	Varicap, 1SV164	C8	CU8016	Chip C, C2012B1H102K	C93	CU8016	Chip C, C2012B1H102K
D9	XD0118	Diode, MA716	C9	CU8016	Chip C, C2012B1H102K	C94	CU8016	Chip C, C2012B1H102K
D11	XD0118	Diode, MA716	C11	CU0066	Chip C, C2012CH1H330J	C95	CU8016	Chip C, C2012B1H102K
D12	XD0120	Diode, MA704WK	C12	CU0071	Chip C, C2012CH1H101J	C96	CE0030	Chemical C, 16VMS7 10
D13	XD0097	Diode, 1SS268	C13	CU0006	Chip C, C2012CH1H050C	C97	CU8028	Chip C, C2012CH1H103K
D14	XD0041	Diode, DAP202K	C14 C15	CU8016 CU8016	Chip C, C2012B1H102K Chip C, C2012B1H102K	C98	CU8028	Chip C, C2012CH1H103K
D15	XD0041	Diode, DAP202K	C16	CU0005	Chip C, C2012CH1H040C	C99 C100	CS0049 CE0312	Chip Tantal, TMC1C105 Chemical C, 16CV10B
D16	XD0040	Diode, DAN202K	C18	CU0060	Chip C, C2012CH1H470J	C100	CS0049	Chip Tantal, TMC1C105
D17 D18	XD0113	Zener Diode, 02CZ4. 3Y	C19	CU0011	Chip C, C2012CH1H100D	C102	CU8028	Chip C. C2012CH1H103K
D20	XD0104 XD0103	Zener Diode, 02CZ6.2Y Diode, 1SS226	C20	CU8016	Chip C, C2012B1H102K	C103	CU8028	Chip C, C2012CH1H103K
D21	XD0103	Pin-D, 1SV128	C21	CU0067	Chip C, C2012CH1H390J	C104	CE0312	Chemical C, 16CV10B
52.	7.50112	111 0, 101120	C22	CU8028	Chip C, C2012CH1H103K	C105	CE0030	Chemical C, 16VMS7 10
Q1	XE0013	FET, 3SK184S	C23	CU8003	Chip C, C2012JF1E104Z	C106	CE0312	Chemical C, 16CV10B
Q2	XE0013	FET, 3SK184S	C24	CU8003	Chip C, C2012JF1E104Z	C107	CU0071	Chip C, C2012CH1H101J
Q4	XT0081	Transistor, 2SC2714T	C25 C26	CU0051 CU8032	Chip C, C2012CH1H471K Chip C, C2012B1E223K	C108	CU8032	Chip C, C2012B1E223K
Q5	XT0037	Transistor, 2SC2412KR	C27	CU80032	Chip C, C201251E223K	C110 C111	CU8016 CU0051	Chip C, C2012B1H102K Chip C, C2012CH1H471K
Q6	XT0037	Transistor, 2SC2412KR	C28	CU0067	Chip C, C2012CH1H390J	C112	CU0067	Chip C, C2012CH1H390J
Q7 Q8	XT0037	Transistor, 2SC2412KR	C30	CU0071	Chip C, C2012CH1H101J	C113	CE0312	Chemical C, 16CV10B
Q10	XT0037 XT0037	Transistor, 2SC2412KR Transistor, 2SC2412KR	C31	CU8028	Chip C, C2012CH1H103K	C114	CU8016	Chip C, C2012B1H102K
Q11	XT0037	Transistor, 25C2412KR	C32	CS0060	Chip Tantal, TMC1E474	C115	CU8016	Chip C, C2012B1H102K
012	XT0077	Transistor, 2803326AL	C33	CU0065	Chip C, C2012CH1H270J	C116	CU8016	Chip C, C2012B1H102K
013	XU0014	Digital Transistor,	C34	CU8003	Chip C, C2012JF1E104Z	C117	CU8016	Chip C, C2012B1H102K
		DTC144EK	C35	CU0043	Chip C, C2012CH1H221K	C118	CU8016	Chip C, C2012B1H102K
Q14	XU0028	Digital Transistor,	C36	CU8016	Chip C, C2012B1H102K	C119	CU0003	Chip C, C2012CH1H020C
		FMC2	C37	CS0061	Chip Tantal,TMC1V224 Chip Tantal.TMC1V224	C120	CU8016	Chip C, C2012B1H102K
Q15	XT0061	Transistor, 2SB11320	C38 C39	CS0061 CU8035	Chip C, C2012B1E393K	C121 C122	CU8016 CU8016	Chip C, C2012B1H102K Chip C, C2012B1H102K
Q16	XT0030	Transistor, 2SC3356BR25	C40	CU8028	Chip C, C2012CH1H103K	C122	CS0049	Chip Tantal, TMC1C105
Q17	XT0030	Transistor, 2803356BR25	C41	CU8034	Chip C, C2012X7R1E333K	C124	CU8016	Chip C, C2012B1H102K
Q18 Q19	XT0048	Transistor, 2SC3357RE	C42	CU8035	Chip C, C2012B1E393K	C125	CU8016	Chip C, C2012B1H102K
020	XT0078 XT0061	Transistor, 2SC3369	C43	CU8025	Chip C, C2012B1H562K	C120	CE0312	Chemical C. 16CV10B
Q22	XU0019	Transistor, 2SB1132Q Digital Transistor,	C44	CU8025	Chip C, C2012B1H562K	C127	CU8016	Chip C, C2012B1H102K
422	700013	DTA144YK	C45	CU8038	Chip C, CM316Y5V105Z25VA	C129	CU8016	Chip C, C2012B1H102K
Q23	XT0037	Transistor, 2SC2412KR	C46	CU8016	Chip C, C2012B1H102K	C130	CU0060	Chip C, C2012CH1H470J
Q24	XT0037	Transistor, 2SC2412KR	C47	CE0124	Chemical C, 16VMS7 47	C131	CE0124	Chemical C, 16VMS7 47
Q27	XU0014	Digital Transistor,	C48	CU8038	Chip C, CM316Y5V105Z25VA	C132	CU0071	Chip C, C2012CH1H101J
1		DTC144EK	C49	CU0051	Chip C, C2012CH1H471K	C133	CU8016	Chip C, C2012B1H102K
031	XT0037	Transistor, 2SC2412KR	C50 C51	CU0051 CU8016	Chip C, C2012CH1H471K Chip C, C2012B1H102K	C134	CU0071	Chip C, C2012CH1H101J
L	VE000:	WIGH BEHOMETER	C52	CU8016	Chip C, C2012B1H102K	C135	CU0003	Chip C, C2012CH1H020C
FL1	XF0001	X'fil, DFM21615B1	C54	CS0049	Chip Tantal, TMC1C105	D.	DKOVEV	Chin D MCD10F7U 1999F
FL2	XC0001	Ceramic Filter, CFW455F	C55	CU8016	Chip C, C2012B1H102K	R1	RK0059	Chip R, MCR10EZHJ333E
X1	V00000	Coronio Eilt	C56	CE0312	Chemical C, 16CV10B	R2 R3	RK0069 RK0018	Chip R, MCR10EZHJ104E Chip R, MCR10EZHJ101E
1^'	XQ0023	Ceramic Filter, UM-1 22.055MHz	C57	CU8016	Chip C, C2012B1H102K	R4	RK0018	Chip R, MCR10EZHJ101E
X2	XQ0038	Ceramic Filter,	C58	CE0312	Chemical C, 16CV10B	R5	RK0005	Chip R, MCR10EZHJ220E
"	/	HC-49/U, 12. 8MHz	C59	CU8016	Chip C, C2012B1H102K	R6	RK0018	Chip R, MCR10EZHJ101E
TH1	XS0004	Thermistor, TD5A150D	C60	CE0315	Chemical C, 16CV47B	R8	RK0056	Chip R, MCR10EZHJ223E
			C61	CU8016	Chip C, C2012B1H102K	R9	RK0035	Chip R, MCR10EZHJ102E
L1	QA0057	Coil, Front End	C62	CU8016	Chip C, C2012B1H102K	R10	RK0038	Chip R, MCR10EZHJ182E
L2	QA0066	Coil, 144M S-10	C63	CS0065	Chip Tantal, TMC1D684	R11	RK0052	Chip R, MCR10EZHJ103E
L	1					L		

Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number
R12	RK0022	Chip R. MCR10EZHJ221E	R96	RK0045	Chip R, MCR10EZHJ472E	Q4	XT0030	Transistor, 2SC3356BR25
R13	RK0042	Chip R, MCR10EZHJ332E	R98	RK0070	Chip R, MCR10EZHJ124E	Q5	XT0037	Transistor, 2SC2412KR
R14	RK0045	Chip R. MCR10EZHJ472E	. R99	RK0052	Chip R, MCR10EZHJ103E	Q6	XT0037	Transistor, 2SC2412KR
R15	RK0069	Chip R, MCR10EZHJ104E	R100	RK0038	Chip R, MCR10EZHJ182E	07	XT0037	Transistor, 2SC2412KR
R16	RK0035	Chip R, MCR10EZHJ102E	R101	RK2006	Chip R, MCR50EZHJ150E	0.8	XT0037	Transistor, 2SC2412KR
R17	RK0052	Chip R, MCR10EZHJ103E	R102	RK0073	Chip R, MCR10EZHJ224E	Q11	XU0018	Digital Transistor,
R18	RK0056	Chip R. MCR10EZHJ223E	R103	RK0036	Chip R, MCR10EZHJ122E	<b> </b>		DTC124EK
R19	RK0048	Chip R, MCR10EZHJ682E	R104	RK0069	Chip R, MCR10EZHJ104E	012	XT0077	Transistor, 2SC3326A
R20	RK0076	Chip R, MCR10EZHJ334E	R105	RK0107	Chip R, MCR10EZHJ000E	Q13	XU0014	Digital Transistor,
R21	RK0044	Chip R. MCR10EZHJ392E						DTC144EK
R22	RK0076	Chip R, MCR10EZHJ334E	VR1	RH0031	VR, CVR-42A-103AD	Q14	XU0014	Digital Transistor,
R23	RK0044	Chip R. MCR10EZHJ392E	VR2	RH0038	VR, CVR-42A-473AD			DTC144EK
R24	RK0052	Chip R, MCR10EZHJ103E	VR3	RH0031	VR, CVR-42A-103AD	Q15	XT0061	Transistor, 2SB1132Q
R25	RK0069	Chip R, MCR10EZHJ104E	VR4	RH0051	VR. CVR-42A-472AD	Q16	XT0030	Transistor, 2SC3356BR25
R26	RK0028	Chip R. MCR10EZHJ471E	VR5	RH0036	VR. CVR-42A-102AD	Q17	XT0030	Transistor, 2SC3356BR25
R27	RK0056	Chip R, MCR10EZHJ223E			•	Q18	XT0048	Transistor, 2SC3357RE
R28	RK0081	Chip R, MCR10EZHJ564E	JP1	RD0017	R. JPW01FC05 0Ω	019	XT0078	Transistor, 2SC3369
R29	RK0042	Chip R, MCR10EZHJ332E	110	1,50011		Q20	XU0014	Digital Transistor,
R30	RK0047	Chip R, MCR10EZHJ562E	TC1	CT0031	Trimmer, CTZ-05A			DTC144EK
R31	RK0062	Chip R, MCR10EZHJ473E	TC2	CT0031	Trimmer, CTZ-05A	021	XT0061	Transistor, 2SB11320
R32	RK0035	Chip R, MCR10EZHJ102E	1 102	010031	Think , or 2 doi:	022	XU0019	Digital Transistor.
R33	RK0035	Chip R, MCR10EZHJ102E	L1	QA0069	HF Coil, 110-90124(T only)	-		DTC124EK
R34	RK0035	Chip R. MCR10EZHJ101E		QA0069	HF Coil. 110-7Hz-440C	Q23	XT0037	Transistor, 2SC2412KR
				UNUUU I	(E only)	Q24	XT0037	Transistor, 2SC2412KR
R35	RK0056	Chip R,MCR10EZHJ223E Chip R.MCR10EZHJ392E	112	nannen	(E ONLY) HF Coil.110-90124(T only)	Q26	XT0038	Transistor, 2SA1037KT146R
R36	RK0044		L2	QA0069 QA0061		027	XT0037	Transistor, 2SC2412KR
R3.7	RK0081	Chip R, MCR10EZHJ564E	L2	WAUUDI	HF Coil, 110-7Hz-440C	Q28	XT0037	Transistor, 2SA1307Y
R38	RK0039	Chip R, MCR10EZHJ222E	, ,	040040	(E only)	029	XU0018	Digital Transistor,
R39	RK0023	Chip R, MCR10EZHJ271E	L3	QA0042	Coil, 30R8MIF	429	A00010	DIGITAL TRANSISTOR, DTC124EK
R40	RK0056	Chip R, MCR10EZHJ223E	L5	QA0044	Coil, 455kHz	030	XU0014	Digital Transistor,
R41	RK0062	Chip R, MCR10EZHJ473E	L6	QK0036	Coil, 0R6-3-1R5RM	430	AUUU14	DIGITAL TRANSISTOR, DTC144EK
R43	RK0081	Chip R, MCR10EZHJ564E	L7	QC0056	Chip L, NL322522T-012M	001	VTOOCI	
R44	RK0045	Chip R, MCR10EZHJ472E	L8	000057	Chip L, NL322522T-015M	Q31	XT0061	Transistor, 2SB11320
R45	RK0079	Chip R, MCR10EZHJ474E	L9	QC0062	Chip L, NL322522T-039M	Q32	XT0030	Transistor, 2SC3356BR25
R46	RK0039	Chip R, MCR10EZHJ222E	L10	QC0039	Chip L, NL322522T-1ROM	Q32	XU0014	Digital Transistor,
R47	RK0035	Chip R, MCR10EZHJ102E	L11	QC0059	Chip L, NL322522T-022M		VE0000	DTC144EK
R48	RK0107	Chip R, MCR10EZHJ000E	L12	QC0055	Chip L, NL322522T-010M	FL1	XF0006	X'tal Filter, 30. 8M15AUM-1
R49	RK0039	Chip R, MCR10EZHJ222E	L13	QC0055	Chip L, NL322522T-010M	FL2	XC0001	Ceramic Filter, CFW455F
R51	RK0006	Chip R, MCR10EZHJ270E	L14	QK0037	Coil, 0R6-3-2R5RM			
R52	RK0045	Chip R, MCR10EZHJ472E	L15	QK0038	Coil, 0R7-3-1R5RM	X1	XQ0034	X'tal,HC-49/T 30.4MHz
R53	RK0006	Chip R, MCR10EZHJ270E	L17	QC0061	Chip L, NL322522T-033M			
R54	RK0056	Chip R, MCR10EZHJ223E	L18	QC0055	Chip L, NL322522T-010M		V	HF PA Unit
R55	RK0056	Chip R. MCR10EZHJ223E						III TA OIIIC
R56	RK0035	Chip R, MCR10EZHJ102E	TH1	XS0004	Thermistor, TD5A150D	l cı	CU8016	Chip C, C2012B1H102K
R57	RK0038	Chip R, MCR10EZHJ182E	TH2	XS0008	Thermistor, TD5C220D	C2	CE0201	Chemical C. 16MV10SZ
R58	RK0052	Chip R. MCR10EZHJ103E				C3	CU8016	Chip C. C2012B1H102K
R59	RK0052	Chip R, MCR10EZHJ103E	TP1	UE0041	Pin Jack, TMP-J01X-V6	C4	CE0201	Chemical C, 16MV10SZ
R60	RK0052	Chip R. MCR10EZHJ103E	TP2	UE0047	Round Pin, R9 ×10	C5	CC5022	Ceramic C, HM60SJSL270K
R61	RK0052	Chip R, MCR10EZHJ103E	TP3	UE0047	Round Pin, R9 ×10	C6	CU8016	Chip C, C2012B1H102K
R62	RK0056	Chip R. MCR10EZHJ223E	TP4	UE0047	Round Pin, R9 ×10	C7	CC5021	Ceramic C. HM60SJ220J
R63	RK0018	Chip R. MCR10EZHJ101E				C8	CU0006	Chip C, C2012CH1H050C
R65	RK0018	Chip R, MCR10EZHJ101E	CN51	UE0109	Connector, 52030-1810	C9	CU0002	Chip C. C2012CH1H010C
R66	RK0039	Chip R, MCR10EZHJ222E	CN52	UE0111	Connector, 5513-03CPB	C10	CC5023	Ceramic C, HM60SJ390J
R67	RK0035	Chip R, MCR10EZHJ102E	CN53	UE0108	Connector, 6FE-BT	C11	CU7003	Chip C. C3CK1NAR102K
R68	RK0045	Chip R, MCR10EZHJ472E	CN54	UE0075	Pin Jack, TMP-J01X-A2	C12	CC5023	Ceramic C, HM60SJ390J
R69	RK0035	Chip R, MCR10EZHJ102E .					1 00002.0	
R70			CN55	HE0075	Pin Jack, TMP-, I01X-A2		CHOOO2	
DIV	RK0011		CN55 CN58	UE0075 UE0108	Pin Jack, TMP-J01X-A2 Connector, 6FE-BT	C13	CU0002 CU8016	Chip C.C2012CH1H010C
	RK0011 RK0018	Chip R, MCR10EZHJ470E	CN55 CN58	UE0075 UE0108	Pin Jack,TMP-J01X-A2 Connector,6FE-BT	C13 C14	CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K
R71	RK0018	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E	CN58	UE0108	Connector, 6FE-BT	C13 C14 C15	CU8016 CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K
R71 R72	RK0018 RK0011	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E	CN58	UE0108 XA0070	Connector, 6FE-BT  IC, MC3361D	C13 C14 C15 C16	CU8016 CU8016 CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K
R71 R72 R73	RK0018 RK0011 RK0037	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E	IC1 IC2	UE0108 XA0070 XA0033	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G	C13 C14 C15 C16 C17	CU8016 CU8016 CU8016 CC5003	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J
R71 R72 R73 R74	RK0018 RK0011 RK0037 RK0001	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E	IC1 IC2 IC3	XA0070 XA0033 XA0114	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD63456S	C13 C14 C15 C16	CU8016 CU8016 CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K
R71 R72 R73 R74 R75	RK0018 RK0011 RK0037 RK0001 RK0038	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E	IC1 IC2	UE0108 XA0070 XA0033	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G	C13 C14 C15 C16 C17 C18	CU8016 CU8016 CU8016 CC5003 CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K
R71 R72 R73 R74 R75 R76	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E	IC1 IC2 IC3	XA0070 XA0033 XA0114	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M	C13 C14 C15 C16 C17 C18	CU8016 CU8016 CU8016 CC5003 CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K Jack, HSJ0836-01-310
R71 R72 R73 R74 R75 R76 R77	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ423E	IC1 IC2 IC3	XA0070 XA0033 XA0114	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD63456S	C13 C14 C15 C16 C17 C18	CU8016 CU8016 CU8016 CC5003 CU8016	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K
R71 R72 R73 R74 R75 R76 R77 R78	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ47ZE Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ223E	IC1 IC2 IC3 IC4	XA0070 XA0033 XA0114 XA0119	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M	C13 C14 C15 C16 C17 C18	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K Jack, HSJ0836-01-310 Jack, HSJ0837-01-010
R71 R72 R73 R74 R75 R76 R77 R78 R79	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ223E	CN58  IC1 IC2 IC3 IC4  D4	XA0070 XA0033 XA0114 XA0119 XD0040	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M  Diode, DAN202K	C13 C14 C15 C16 C17 C18 J1 J2 CN42	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K Jack, HSJ0836-01-310 Jack, HSJ0837-01-010
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ223E	CN58  IC1 IC2 IC3 IC4  D4 D7	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118	Connector, 6FE-BT  IC, MC3361D  IC, μ PC393G  IC, μ PD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0056 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ23E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0118	IC, MC3361D IC, µ PC393G IC, µ PD6345GS IC, AN8010M Diode, DAN202K Diode, MA716 Diode, MA716	C13 C14 C15 C16 C17 C18 J1 J2 CN42	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K Jack, HSJ0836-01-310 Jack, HSJ0837-01-010
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0056 RK0052 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ171E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8 D9	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0118 XD0040	IC, MC3361D IC, µ PC393G IC, µ PD6345GS IC, AN8010M  Diode, DAN202K Diode, MA716 Diode, DAN202K	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0055 RK0052 RK0052 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ471E Chip R, MCR10EZHJ103E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0018 XD0040 XD0120	Connector, 6FE-BT  IC, MC3361D  IC, μ PC393G  IC, μ PD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, MA704WK	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1.08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0052 RK0052 RK0052 RK0052 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ105E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10 D11	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0118 XD0040 XD0120 XD0112	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, DAN202K  Diode, MA704WK  Pin-D, 1SV128	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012BH102K Chip C, C2012BH102K Chip C, C2012BH102K Ceramic C, HM60SJ330J Chip C, C2012BH102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1.08 RT Pin, RT-01T-1.08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ171E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ151E	CN58 IC1 IC2 IC3 IC4 D4 D7 D8 D9 D10 D11 D12	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0118 XD0040 XD0120 XD0120 XD0112 XD0112	Connector, 6FE-BT  IC, MC3361D  IC, µ PC393G  IC, µ PD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, MA716  Diode, MA704WK  Pin-D, 1SV128  Pin-D, 1SV128	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1.08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ471E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ151E	D4 D7 D8 D9 D10 D11 D12 D13 D14	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0118 XD0040 XD0120 XD0112 XD0112 XD0112 XD0041 XD0041	Connector, 6FE-BT  IC, MC3361D  IC, µ PC393G  IC, µ PD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, DAN202K  Diode, MA704WK  Pin-D, 1SV128  Pin-D, 1SV128  Diode, DAP202K  Diode, DAP202K	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012BH102K Chip C, C2012BH102K Chip C, C2012BH102K Ceramic C, HM60SJ330J Chip C, C2012BH102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1.08 RT Pin, RT-01T-1.08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0052 RK0052 RK0020 RK0010 RK0020 RK0020	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ108E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ151E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10 D11 D12 D13 D14 D15	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0114 XD0141 XD0041 XD0041	Connector, 6FE-BT  IC, MC3361D IC, µ PC393G IC, µ PD6345GS IC, AN8010M  Diode, DAN202K Diode, MA716 Diode, MA716 Diode, DAN202K Diode, MA704WK Pin-D, 1SV128 Pin-D, 1SV128 Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, MA704WK	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012BH102K Chip C, C2012BH102K Chip C, C2012BH102K Ceramic C, HM60SJ330J Chip C, C2012BH102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1.08 RT Pin, RT-01T-1.08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88	RK0018 RK0011 RK0037 RK0037 RK0038 RK0045 RK0056 RK0056 RK0056 RK0052 RK0052 RK0020 RK0010 RK0020 RK0020 RK0020 RK0020	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16	XA0070 XA0033 XA0114 XA0119 XD0040 XD0118 XD0118 XD0040 XD0120 XD0112 XD0112 XD0141 XD0041 XD0041 XD0044 XD0044 XD0044	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M  Diode, DAN202K Diode, MA716 Diode, MA716 Diode, MA704WK Pin-D, 1SV128 Pin-D, 1SV128 Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, MI308 Diode, MI308	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2 RT3	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1. 08 RT Pin, RT-01T-1. 08 RT Pin, RT-01T-1. 08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R86 R87	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0052 RK0052 RK0052 RK0020 RK0010 RK0020 RK0020 RK0020 RK0020 RK0036	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ172E Chip R, MCR10EZHJ172E	CN58 IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0112 XD0114 XD0041 XD0014 XD0014 XD0014 XD00113	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, MA716  Diode, MA704WK  Pin-D, 1SV128  Pin-D, 1SV128  Diode, DAP202K  Diode, MA704WK  Pin-D, 1SV128  Diode, DAP202K  Diode, MA704WK  Diode, DAP202K  Diode, MI308  Diode, MI308  Diode, DAN202K  Zener, 02CZ4, 3Y	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012BH102K Chip C, C2012BH102K Chip C, C2012BH102K Ceramic C, HM60SJ330J Chip C, C2012BH102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1.08 RT Pin, RT-01T-1.08
R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R88 R89 R89	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0056 RK0052 RK0028 RK0052 RK0020 RK0010 RK0020 RK0020 RK0045 RK0045 RK0036 RK0045 RK0036 RK0036	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ172E Chip R, MCR10EZHJ172E Chip R, MCR10EZHJ1330E	D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0112 XD0114 XD0041 XD0041 XD0014 XD0014 XD0014 XD0014 XD00104 XD0113 XD0104	Connector, 6FE-BT  IC, MC3361D  IC, μ PC393G  IC, μ PD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, MA716  Diode, MA704WK  Pin-D, 1SV128  Pin-D, 1SV128  Diode, DAP202K  Diode, M308  Diode, M308  Diode, DAN202K  Zener, 02CZ4, 3Y  Zener, 02CZ6, 2Y	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2 RT3	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B
R71 R72 R73 R74 R75 R76 R77 R78 R80 R81 R82 R83 R84 R85 R86 R87 R88 R88 R89 R89 R90	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0052 RK0052 RK0052 RK0020 RK0010 RK0020 RK0020 RK0045 RK0036 RK0045 RK0036 RK0045 RK0036 RK0045 RK0036 RK0045	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ100E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ472E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ122E Chip R, MCR10EZHJ122E Chip R, MCR10EZHJ122E Chip R, MCR10EZHJ103E	CN58 IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0112 XD0114 XD0041 XD0014 XD0014 XD0014 XD00113	Connector, 6FE-BT  IC, MC3361D  IC, µPC393G  IC, µPD6345GS  IC, AN8010M  Diode, DAN202K  Diode, MA716  Diode, MA716  Diode, MA716  Diode, MA704WK  Pin-D, 1SV128  Pin-D, 1SV128  Diode, DAP202K  Diode, MA704WK  Pin-D, 1SV128  Diode, DAP202K  Diode, MA704WK  Diode, DAP202K  Diode, MI308  Diode, MI308  Diode, DAN202K  Zener, 02CZ4, 3Y	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2 RT3	CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B
R71 R72 R73 R74 R75 R76 R77 R78 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0052 RK0052 RK0052 RK0020 RK0010 RK0020 RK0020 RK0045 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ351E Chip R, MCR10EZHJ351E Chip R, MCR10EZHJ351E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ103E	D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0114 XD0041 XD0014 XD0103 XD0113 XD0104 XD0103	Connector, 6FE-BT  IC, MC3361D IC, µ PC393G IC, µ PD6345GS IC, AN8010M  Diode, DAN202K Diode, MA716 Diode, DAN202K Diode, MA704WK Pin-D, 1SV128 Pin-D, 1SV128 Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Zener, 02CZ4, 3Y Zener, 02CZ6, 2Y Diode, 1SS226	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2 RT3	CU8016 CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119 UE0119 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1. 08 RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B
R71 R72 R73 R74 R75 R76 R77 R78 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92 R93	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0052 RK0052 RK0052 RK0020 RK0010 RK0020 RK0045 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0052 RK0036 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052 RK0052	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ101E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ1330E Chip R, MCR10EZHJ103E	CN58  IC1 IC2 IC3 IC4  D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 Q1	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0112 XD0111 XD0040 XD0113 XD0104 XD0103 XE0013	Connector, 6FE-BT  IC, MC3361D IC, µPC393G IC, µPD6345GS IC, AN8010M  Diode, DAN202K Diode, MA716 Diode, MA716 Diode, MA704WK Pin-D, 1SV128 Pin-D, 1SV128 Pin-D, 1SV128 Diode, DAP202K Diode, MI308 Diode, DAN202K Zener, 02CZ4, 3Y Zener, 02CZ6, 2Y Diode, 1SS226  FET, 3SK184S	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2 RT3	CU8016 CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119 UE0119 UE0119 UE0119 UE01106 XD0014 XD0102	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B Diode, UM9401 Diode, MI308 Diode, 1SS101
R71 R72 R73 R74 R75 R76 R77 R78 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92	RK0018 RK0011 RK0037 RK0001 RK0038 RK0045 RK0056 RK0056 RK0052 RK0052 RK0052 RK0020 RK0010 RK0020 RK0020 RK0045 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036 RK0036	Chip R, MCR10EZHJ470E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ170E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ182E Chip R, MCR10EZHJ223E Chip R, MCR10EZHJ23E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ151E Chip R, MCR10EZHJ351E Chip R, MCR10EZHJ351E Chip R, MCR10EZHJ351E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ30E Chip R, MCR10EZHJ103E	D4 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19	XA0070 XA0033 XA0114 XA0119  XD0040 XD0118 XD0118 XD0112 XD0112 XD0112 XD0114 XD0041 XD0014 XD0103 XD0113 XD0104 XD0103	Connector, 6FE-BT  IC, MC3361D IC, µ PC393G IC, µ PD6345GS IC, AN8010M  Diode, DAN202K Diode, MA716 Diode, DAN202K Diode, MA704WK Pin-D, 1SV128 Pin-D, 1SV128 Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Diode, DAP202K Zener, 02CZ4, 3Y Zener, 02CZ6, 2Y Diode, 1SS226	C13 C14 C15 C16 C17 C18 J1 J2 CN42 CN44 CN48 RT1 RT2 RT3	CU8016 CU8016 CU8016 CU8016 CC5003 CU8016 UJ0020 UJ0021 UE0108 UE0114 UE0043 UE0119 UE0119 UE0119 UE0119 UE0119	Chip C, C2012CH1H010C Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Ceramic C, HM60SJ330J Chip C, C2012B1H102K  Jack, HSJ0836-01-310 Jack, HSJ0837-01-010  Connector, 6FE-BT Connector, 5512-04A Post with Base, PI22A02M  RT Pin, RT-01T-1. 08 RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B RT Pin, RT-01T-1. 0B

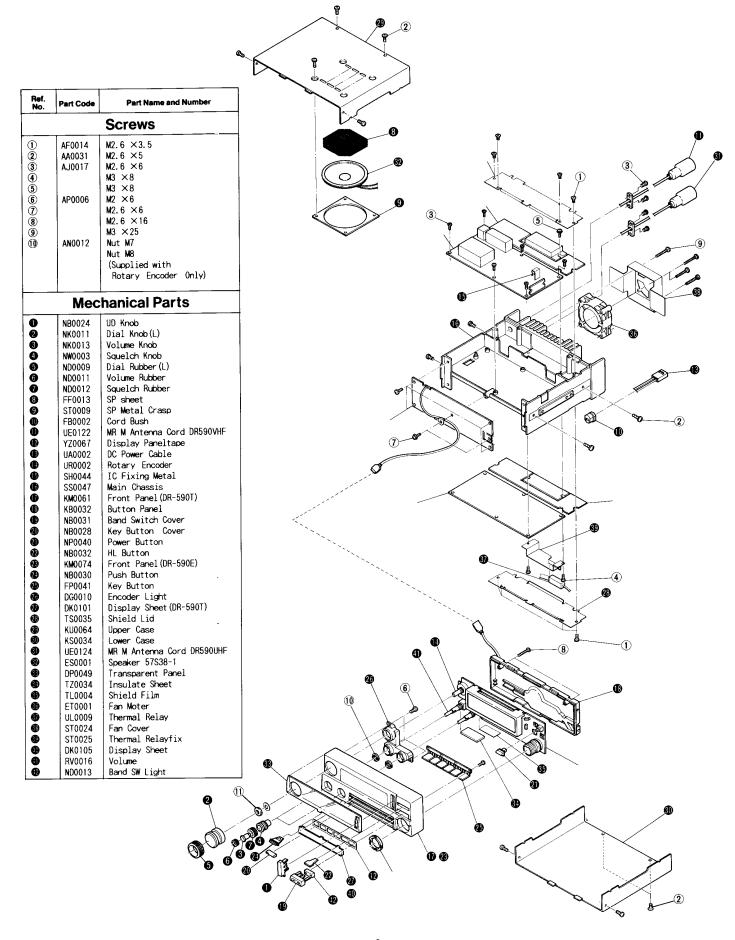
Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number
L1	QK0061	Coil, OR8-3-9R5TLM	L2	QK0044	Air Core Coil, OR5-3R0-9R5T	C64	CU3023	Chip C, CM105CH101K50VA
L? L2	QK0042	Coil, 0R6-3-5R0 RM				C65	CU3023	Chip C, CM105CH101K50VA
L3	QK0060	Coil, 0R8-3-5R0 RS	L3	QK0068	Air Core Coil, OR8-3R0-2R5T	C66	CU3023	Chip C, CM105CH101K50VA
L4	QK0059	Coil, 0R8-3-4R0 RS				C67	CU0071	Chip C, C2012CH1H101J
L5	QK0061	Coil, OR5-3-9R5 LM	L4	QK0065	Air Core Coil, 0R8-4R0-1R2T	C68	CU0071	Chip C, C2012CH1H101J
L6 L7	QK0059 QK0059	Coil, 0R8-3-4R0 RS Coil, 0R8-3-4R0 RS	L5	QK0065	Air Core Coil, OR8-4R0-1R2T	C69 C70	CU3053 CU8040	Chip C, CM105Y5V333Z25VA Chip C, 2012JB1E473K
R1	RK0045	Chip R. MCR10EZHJ472E	L5	QK0094	(E only) Air Core Coil, OR8-3R4-1R2T	R1	RA0002	R.Ally, MNR12E0AJ473E
R2	RK0011	Chip R, MCR10EZHJ470E			(T only)	R2	RA0002	R. Ally, MNR12E0AJ473E
R3	RK0035	Chip R, MCR10EZHJ102E	L7	QB0003	0P-2. 6-3-1. 2	R3 R4	RA0002 RA0002	R. Ally. MNR12E0AJ473E R. Ally. MNR12E0AJ473E
R4	RK2018	Chip R, MCR50JZHJ151E	VR1	RH0038	VR. CVR-42A-473AD	R5	RA0002	R. Ally, MNR12E0AJ473E
VR1	RH0038	VR. CVR-42A-473AD	*111	1410030	WI, OVI 42A 413AD	R6	RA0002	R. Ally, MNR12E0AJ473E
••••	1110000	THE STATE OF THE S	-		NITOOL Unit	R8	RK0086	Chip R, MCR10EZHJ105E
		UE DA LINH		CU	NTROL Unit	R9	RK0052	Chip R, MCR10EZHJ103E Chip R, MCR10EZHJ2R2E
	U	HF PA Unit	C1	CU8003	Chip C, C2012JF1E104Z	R10 R11	RK0105 RK0062	Chip R, MCR10EZHJ473E
C1	CE0163	Chemical C, 16MV 1000AZ	C2	CU8003	Chip C, C2012JF1E104Z	R12	RK0062	Chip R, MCR10EZHJ473E
C2	CU0051	Chip C, C2012CH1H471K	C3	CU8003	Chip C, C2012JF1E104Z	R13	RK0036	Chip R, MCR10EZHJ122E
C3	CE0201	Chemical C, 16MV 10SZ	C4	CU8003	Chip C, C2012JF1E104Z	R14	RK0036	Chip R, MCR10EZHJ122E
C4	CU0051	Chip C, C2012CH1H471K	C5	CU8003	Chip C, C2012JF1E104Z Chip C, C2012JF1E104Z	R15	RK0033	Chip R, MCR10EZHJ821E
C5	CE0201	Chemical C, 16MV 10SZ	C6 C7	CU8003	Chip C, C2012JF1E104Z	R16	RK0033	Chip R, MCR10EZHJ821E
C6	CU7014	Chip C, UC232H0060D-T Chip C, C2012CH1H471K	C8	CU8003	Chip C, C2012311E104Z	R17	RK0033	Chip R, MCR10EZHJ821E
C7 C8	CU0051 CU0007	Chip C, C2012CH1H471K	C9	CU8003	Chip C, C2012JF1E104Z	R18 R19	RK0033 RA0005	Chip R, MCR10EZHJ821E R. Ally, MNR14AJ473E
C9	CC5008	Ceramic C, HN60SJSL070D	C10	CU8003	Chip C, C2012JF1E104Z	R20	RA0005	R. Ally, MNR14AJ473E
		(E only)	C11	CU8003	Chip C, C2012JF1E104Z	R21	RA0005	R. Ally, MNR14AJ473E
C9	CC5016	Ceramic C, HN60SJSL080D	C12	CU8003	Chip C, C2012JF1E104Z	R22	RA0005	R. Ally, MNR14AJ473E
		(T only)	C13	CU8003	Chip C, C2012 JF1E104Z	R23	RK0059	Chip R, MCR10EZHJ333E
C10	CU0002	Chip C, C2012CH1H010C	C14 C15	CU8003	Chip C, C2012JF1E104Z   Chip C. C2012JF1E104Z	R24	RK0062	Chip R, MCR10EZHJ473E
C11	CU8028	Chip C, C2012B1H103K Chip C, UC232H0160J	C16	CU8003	Chip C, C20123F1E104Z	R25	RK0042	Chip R, MCR10EZHJ332E
C12 C13	CU7021 CU7022	Chip C, TE82UC232H0100D	C17	CU8003	Chip C, C2012JF1E104Z	R26 R27	RK0037 RK0056	Chip R, MCR10EZHJ152E Chip R, MCR10EZHJ223E
0.3	007022	(E only)	C18	CU8028	Chip C, C2012B1H103K	R28	RK0036	Chip R, MCR10EZHJ472E
C13	CU7016	Chop C, TE82UC232H0080D	C19	CU8028	Chip C, C2012B1H103K	R29	RK0062	Chip R, MCR10EZHJ473E
		(T only)	C20	CU8028	Chip C, C2012B1H103K	R30	RK0062	Chip R, MCR10EZHJ473E
C14	CU8016	Chip C, C2012B1H102K	C21	CU8016	Chip C, C2012B1H102K	R31	RK0107	Chip R, MCR10EZHJ000E
C15	CU8016	Chip C, C2012B1H102K	C22 C23	CU8016 CU8016	Chip C, C2012B1H102K	R32	RK0107	Chip R, MCR10EZHJ000E
C16	CU8016	Chip C, C2012B1H102K Chip C, C3K3INAR102K	C24	CU8016	Chip C, C2012B1H102K	204	DV 01 07	(T only)
C17 C24	CU7003 CU8016	Chip C, C3K31MAK102K	C25	CU8016	Chip C, C2012B1H102K	R34 R36	RK0107 RA0006	Chip R. MCR10EZHJ000E   R. Ally, EXB-M16D6ALG
C25	CU8016	Chip C, C2012B1H102K	C26	CU8016	Chip C, C2012B1H102K	1,20	IVAUUUU	(T only)
C26	CS0208	Chip Tantal, TMC-M0J475M	C27	CU8016	Chip C, C2012B1H102K	R36	RD0115	JPW01FC0 30Ω (E only)
C27	CU8016	Chip C, C2012B1H102K	C28	CU8016	Chip C, C2012B1H102K	R37	RA0005	R. Ally, MNR14AJ473E
C28	CU8016	Chip C, C2012B1H102K	C29	CU8016	Chip C, C2012B1H102K Chip Tantal, TMC1A336	R38	RK0050	Chip R, MCR10EZHJ822E
C29	CS0208	Chip Tantal, TMC-M0J475M	C30 C31	CS0052 CU0071	Chip C, C2012CH1H101J	R39	RK0025	Chip R, MCR10EZHJ331E
C30 C31	CU8016 CU0051	Chip C, C2012B1H102K Chip C, C2012CH1H471K	C32	CU8034	Chip C, C2012X7R1E333K	R41 R42	RA0005	R.Ally, MNR14AJ473E Chip R.MCR10EZHJ821E
C32	CU8016	Chip C, C2012B1H102K	C33	CU8040	Chip C, 2012JB1E473K	R42	RK0033 RK0033	Chip R, MCR10EZHJ821E
002	000010	G/125 G/ 525 125 111 5211	C34	CU8038	Chip C, CM316Y5V105Z25VA	R44	RK0033	Chip R, MCR10EZHJ222E
CN62	UE0108	Connector, 6FE-BT	C35	CU8038	Chip C, CM316Y5V105Z25VA	R45	RK0039	Chip R, MCR10EZHJ222E
CN64	UE0112	Connector, 5513-04CPB	C36	CU8038	Chip C, CM316Y5V105Z25VAT	R46	RK0039	Chip R, MCR10EZHJ222E
CN65	UE0116	Pin 1.0×18L	C36	CU9010	(T only) Chip C, C32161H223KB	R47	RK0039	Chip R, MCR10EZHJ222E
CN67	UE0116	Pin 1.0×18L R/B 1.25 ×0.25M Plug	030	009010	(E only)	R48	RK0001	Chip R, MCR10EZHJ100E
CN68 CN6A	UA0002 UE0108	Connector, 6FE-BT	C37	CU8038	Chip C, CM316Y5V105Z25VA	R49	RK0069	Chip R, MCR10EZHJ104E Chip R, MCR10EZHJ223E
SAUA	020100	33.4.00(3), 0. 6 8.	C38	CU8038	Chip C, CM316Y5V105Z25VA	R50 R51	RK0056 RK0001	Chip R, MCR10EZHJ100E
RT1	UE0119	RT Pin, RT-01T-1.0B	C39	CU8016	Chip C, C2012B1H102K	R52	RK0036	Chip R, MCR10EZHJ122E
RT2	UE0119	RT Pin, RT-01T-1.0B	C40	CE0118	Chemical C, 6R3MS7 220	R53	RK0035	Chip R, MCR10EZHJ102E
RT3	UE0119	RT Pin, RT-01T-1.0B	C41	CS0052	Chip Tantal, TMC1A336	R54	RK0079	Chip R, MCR10EZHJ474E
RT5	UE0119	RT Pin, RT-01T-1.0B	C42 C43	CU8016 CU8016	Chip C, C2012B1H102K Chip C, C2012B1H102K	R55	RK0072	Chip R. MCR10EZHJ184E
D2	RK0107	Chip R. MCR10EZHJ000E	C43	CS0052	Chip Tantal, TMC1A336	R56	RK0073	Chip R, MCR10EZHJ224E
R2 R3	RK0107	Chip R. MCR10EZHJ000E	C45	CE0315	Chemical C, 16CV47B	R57	RK0059	Chip R, MCR10EZHJ333E
R4	RK0045	Chip R, MCR10EZHJ472E	C46	CU8016	Chip C, C2012B1H102K	R59 R60	RK0062 RK0062	Chip R, MCR10EZHJ473E Chip R, MCR10EZHJ473E
R5	RK0011	Chip R, MCR10EZHJ470E	C48	CS0221	Chip Tantal, TMCM1C475TR	R61	RK0045	Chip R, MCR10EZHJ473E
R6	RK0052	Chip R. MCR10EZHJ103E	C49	CU0071	Chip C, C2012CH1H101J	R62	RK0069	Chip R, MCR10EZHJ104E
R7	RK0023	Chip R, MCR10EZHJ271E	C50	CU0051	Chip C, C2012CH1H471K	R63	RK0035	Chip R, MCR10EZHJ102E
R8	RK2018	Chip R, MCR50JZHJ151E	C51 C52	CU0051 CU0060	Chip C, C2012CH1H471K Chip C, C2012CH1H470J	R64	RK0107	Chip R, MCR10EZHJ000E
IC1	XA0077	IC, M57788M	C52	CU0065	Chip C, C2012CH1H270J	VD4	DUOGGG	VD OVD 404 47040
101	ANOU!!	10, 11001110011	C54	CU0065	Chip C, C2012CH1H270J	VR1	RH0038	VR, CVR-42A-473AD
Q1	XT0041	Transistor, FMW1T148	C55	CS0057	Chip Tantal, TMC0J225	VR2	RH0038	VR, CVR-42A-473AD
-	1,50-11		C56	CU8003	Chip C, C2012JF1E104Z	L1	QC0104	Chip L, LER015T1R5M
D1	XD0106	Diode, UM9401	C57	CU8032	Chip C, C2012B1E223K	L2	QC0104	Chip L, LERO15T1R5M
D2	XD0014	Diode, MI308	C58	CU0071	Chip C, C2012CH1H101J			
D3	XD0102	Diode, 1SS101	C59	CU8028	Chip C, C2012B1H103K	CN12	UE0115	Connector, 50020-8106
D4	XD0118	Diode, MA716	C60 C61	CU8028 CU8028	Chip C, C2012B1H103K Chip C, C2012B1H103K	CN15	UE0121	Connector, R-DR590
l D5	XD0040	Diode, DAN202K	C62	CU8028	Chip C, C2012B1H103K	CN16	UE0035	Mic Connector, FM214-8SMPY
D6	XD0107	Diode, G3B						

Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number
SW1	UU0011	Tact Switch, SKHMPU	C6	CE0310	Chemical C, 10CV33B	R14	RK0056	Chip R, MCR10EZHJ223E
SW2	UU0011	Tact Switch, SKHMPU	C7	CU8016	Chip C, C2012B1H102K	R15	RK0061	Chip R, MCR10EZHJ393E
SW3	UU0011	Tact Switch, SKHMPU	C8	CU0060	Chip C, C2012CH1H470J	R16	RK0067	Chip R, MCR10EZHJ823E
SW4	UU0011	Tact Switch, SKHMPU	C9	CU0060	Chip C, C2012CH1H470J	R17	RK0052	Chip R. MCR10EZHJ103E
SW5	UU0011	Tact Switch, SKHMPU	C10	CU0060	Chip C, C2012CH1H470J	R18	RK0056	Chip R, MCR10EZHJ223E
SW6	UU0011	Tact Switch, SKHMPU	C11	CU0060	Chip C, C2012CH1H470J	R19	RK0061	Chip R, MCR10EZHJ393E
SW7	UU0011	Tact Switch, SKHMPU	C12	CU0051	Chip C, C2012CH1H471K	R20	RK0067	Chip R, MCR10EZHJ823E
SW8	UU0011	Tact Switch, SKHMPU	C13	CS0051	Chip Tantal, TMC1C106	R21	RK0062	Chip R, MCR10EZHJ473E
SW9	UU0011	Tact Switch, SKHMPU	C14	CU8003	Chip C, C2012JF1E104Z	R22	RK0062	1
SW10	UU0011	Tact Switch, SKHMPU	C15	CU8038	Chip C, CM316Y5V105Z25VAT		RA0003	Chip R, MCR10EZHJ473E
SW11	UU0011	*	C16			R23		R. Ally, MNR14J392E
		Tact Switch, SKHMPU	1 1	CE0310	Chemical C, 10CV33B	R24	RA0002	R. Ally, MNR12J473E
SW12	UU0011	Tact Switch, SKHMPU	C17	CU8016	Chip C, C2012B1H102K	R25	RA0004	R. Ally, MNR14J473E
SW13	UU0011	Tact Switch, SKHMPU	C18	CU0055	Chip C, C2012CH1H681K	R26	RK0038	Chip R, MCR10EZHJ182E
SW14	UQ0013	Switch, EVQ-QEC-04K	C19	CU8022	Chip C, C2012B1H332K	R27	RK0038	Chip R, MCR10EZHJ182E
SW15	UQ0013	Switch, EVQ-QEC-04K	C20	CU0070	Chip C, C2012CH1H820J	R28	RK0035	Chip R, MCR10EZHJ102E
SW16	UU0011	Tact Switch, SKHMPU	C21	CU8016	Chip C, C2012B1H102K	R30	RK0035	Chip R, MCR10EZHJ102E
SW17	UU0011	Tact Switch, SKHMPU	C22	CS0221	Chip Tantal, TMCM1C475MTR	R31	RK0035	Chip R, MCR10EZHJ102E
SW18	UQ0011	Switch, ESB-64801	C23	CU8038	Chip C, CM316Y5V105Z25VAT	R32	RK0045	Chip R, MCR10EZHJ472E
SW19	UR0002	Switch, EVQWQGF1542B	C24	CU8028	Chip C, C2012B1H103K	R33	RK0062	Chip R, MCR10EZHJ473E
	1		C25	CU8028	Chip C, C2012B1H103K	R34	RK0107	Chip R, MCR10EZHJ000E
	ED0006	Lithium Battery, BR2032-1F2	C26	CU8016	Chip C, C2012B1H102K	R35	RK0018	Chip R, MCR10EZHJ101E
	TZ0024	Insulating Paper	C27	CU8016	Chip C. C2012B1H102K	R36	RK0052	Chip R, MCR10EZHJ103E
	1	]	C29	CS0051	Chip Tantal, TMC1C106	R37	RK0056	Chip R. MCR10EZHJ223E
LCD	EL0014	LCD Unit, DR590T	C30	CU8003	Chip C, C2012JF1E104Z	R38	RK0061	Chip R, MCR10EZHJ393E
			C31	CE0124	Chemical C. 16MV47SWB	R39	RK0067	Chip R. MCR10EZHJ823E
D1	XD0040	Diode, DAN202K	C32	CU8028	Chip C, C2012B1H103K	R40	RK0044	Chip R, MCR10EZHJ392E
D2	XD0040	Diode, DANZUZK Diode, 1SS226	1 1			R41	RK0044	
D2 D4	1		C33	CU8034	Chip C, C2012X7R1E333K	11		Chip R, MCR10EZHJ392E
-	XD0040	Diode, DAN202K	C34	CU8028	Chip C, C2012B1H103K	R42	RK0044	Chip R, MCR10EZHJ392E
D5	XD0040	Diode, DAN202K	C35	CU8016	Chip C, C2012B1H102K	R43	RK0044	Chip R, MCR10EZHJ392E
D6	XD0040	Diode, DAN202K	C36	CU8034	Chip C, C2012X7R1E333K	R45	RK0045	Chip R, MCR10EZHJ472E
D11	XL0023	Chip LED, SLM125MWS	C37	CU8028	Chip C, C2012B1H103K	R46	RK0052	Chip R, MCR10EZHJ103E
D12	XL0023	Chip LED, SLM125MWS	C39	CU8028	Chip C, C2012B1H103K	R47	RK0056	Chip R, MCR10EZHJ223E
D13	XL0023	Chip LED, SLM125MWS	C40	CU8028	Chip C, C2012B1H103K	R48	RK0061	Chip R, MCR10EZHJ393E
D14	XL0023	Chip LED, SLM125MWS	C42	CU8034	Chip C, C2012X7R1E333K	R49	RK0067	Chip R, MCR10EZHJ823E
D15	XL0023	Chip LED, SLM125MWS	C43	CU8034	Chip C, C2012X7R1E333K	R51	RK0044	Chip R, MCR10EZHJ392E
D16	XL0023	Chip LED, SLM125MWS	C44	CU8038	Chip C, CM316Y5V105Z25VAT	R52	RK0044	Chip R, MCR10EZHJ392E
D17	XL0023	Chip LED, SLM125MWS	C45	CU8038	Chip C, CM316Y5V105Z25VAT	R53	RK0044	Chip R, MCR10EZHJ392E
D18	XL0023	Chip LED, SLM125MWS	C46	CS0221	Chip Tantal, TMCM1C475MTR	R54	RK0044	Chip R, MCR10EZHJ392E
D19	XL0023	Chip LED, SLM125MWS	C47	CU8028	Chip C, C2012B1H103K	R55	RK0038	Chip R, MCR10EZHJ182E
D20	XL0023	Chip LED, SLM125MWS	1 1				1	
D21	XL0023	Chip LED, SLM125MWS	C48	CS0051	Chip Tantal, TMC1C106	R56	RK0052	Chip R, MCR10EZHJ103E
D21			C49	CU8038	Chip C, CM316Y5V105Z25VAT	R57	RK0045	Chip R, MCR10EZHJ472E
	XL0023	Chip LED, SLM125MWS	C50	CE0315	Chemical C, 16CV47B	R58	RK0062	Chip R, MCR10EZHJ473E
D23	XL0023	Chip LED, SLM125MWS	C51	CU8028	Chip C, C2012B1H103K	R60	RK0062	Chip R, MCR10EZHJ473E
D24	XL0023	Chip LED, SLM125MWS	C52	CU8038	Chip C, CM316Y5V105Z25VAT	R61	RK0045	Chip R, MCR10EZHJ472E
D25	XL0023	Chip LED, SLM125MWS	C53	CU8003	Chip C, C2012JF1E104Z	R63	RK0005	Chip R, MCR10EZHJ220E
D26	XL0023	Chip LED, SLM125MWS	C54	CS0051	Chip Tantal, TMC1C106	R64	RK0052	Chip R, MCR10EZHJ103E
			C55	CU8028	Chip C, C2012B1H103K	R65	RK0062	Chip R. MCR10EZHJ473E
IC1	XA0140	IC, μPD75116GF716-3BE	C56	CU8028	Chip C, C2012B1H103K	R66	RK0072	Chip R, MCR10EZHJ184E
IC2	XA0105	IC, MC145436DWR	C57	CU8028	Chip C, C2012B1H103K	R67	RK0076	Chip R. MCR10EZHJ334E
IC3	XA0117	IC, S-2510A	C58	CU8028	Chip C, C2012B1H103K	R68	RK0072	Chip R, MCR10EZHJ184E
IC4	XA0118	IC. S-8054ALR-LN	C59	CU8028	Chip C, C2012B1H103K	R69	RK0073	Chip R, MCR10EZHJ224E
IC5	XA0075	IC. NJM78L08UA	C60	CU8028	Chip C, C2012B1H103K	R70	RK0047	
IC6	XA0068	IC, M5218FP-T01-1	C61	CU8028	Chip C, C2012B1H103K	1 1	f I	Chip R, MCR10EZHJ562E
IC7	XA0089	IC, NJM78L06UA	C62	CS0057	Chip Tantal, TMC0J225M	R71	RK0047	Chip R, MCR10EZHJ562E
IC8	XA0087	IC, TC4S01F	C63	CS0057	Chip Tantal, TMC0J225M	R72	RK0067	Chip R, MCR10EZHJ823E
-00	/810001		C64	CU3023		R73	RK0070	Chip R, MCR10EZHJ124E
Q1	XT0037	Transistor, 2SC2412KR	C65		Chip C, CM105CH101K	R74	RK0070	Chip R, MCR10EZHJ124E
Q2	XU0037 XU0028	,		CU3023	Chip C, CM105CH101K	R75	RK0069	Chip R, MCR10EZHJ104E
		Digital Transistor, FMC2	C66	CU3023	Chip C, CM105CH101K	R76	RK0056	Chip R, MCR10EZHJ223E
Q3	XU0012	Digital Transistor,	C67	CU3023	Chip C, CM105CH101K	R77	RK0001	Chip R, MCR10EZHJ100E
,	VIII 0 0 1 0	DTC114EK	C68	CU3023	Chip C, CM105CH101K	R78	RK0039	Chip R, MCR10EZHJ222E
Q4	XU0012	Digital Transistor,	C69	CU3023	Chip C, CM105CH101K	R79	RK0081	Chip R, MCR10EZHJ564E
	1	DTC114EK	1			R80	RK0035	Chip R, MCR10EZHJ102E
Q5	XT0037	Transistor, 2SC2412KR	CN21	UE0120	Connector, P-DR590	R81	RK0045	Chip R, MCR10EZHJ472E
Q6	XT0118	Transistor, 2SB7440	CN22	UE0100	Connector, 52030-1610	R82	RK0062	Chip R, MCR10EZHJ473E
Q7	XU0014	Digital Transistor,	CN23	UE0110	Connector, 52030-1210	R83	RK0052	Chip R. MCR10EZHJ103E
		DTC144EK	CN24	UE0109	Connector, 52030-1810	R84	RK0032	Chip R, MCR10EZHJ472E
Q8	XU0014	Digital Transistor,	CN25	UE0109	Connector, 52030-1810	R85	RK0039	
		DTC144EK	52.5	320.00	357 H. GOLGI , 02 900 1010			Chip R, MCR10EZHJ222E
Q9	XU0014	Digital Transistor.	D1	BANNO	R Ally MARIATON HOSE	R86	RK0045	Chip R. MCR10EZHJ472E
~~	700014	-	R1	RA0003	R. Ally, MNR14E0AJ102E	R87	RK0001	Chip R, MCR10EZHJ100E
010	VTAGOZ	DTC144EK	R2	RA0003	R. Ally, MNR14E0AJ102E	R88	RK0035	Chip R, MCR10EZHJ102E
210	XT0037	Transistor, 2SC2412KR	R3	RA0003	R. Ally, MNR14E0AJ102E	R89	RK0081	Chip R, MCR10EZHJ564E
, I	V0000	DOMETO FORM	R4	RA0003	R. Ally, MNR14E0AJ102E	R90	RK0018	Chip R, MCR10EZHJ101E
K1	XQ0021	DSMAT3. 58MHz	R5	RA0003	R. Ally. MNR14E0AJ102E	R91	RK0039	Chip R, MCR10EZHJ222E
			R6	RA0003	R. Ally, MNR14E0AJ102E	R92	RK0045	Chip R, MCR10EZHJ472E
	CLID (	CONTROL LINE	R7	RK0035	Chip R, MCR10EZHJ102E	R93	RK0062	Chip R, MCR10EZHJ473E
	20R (	CONTROL Unit	R8	RK0035	Chip R, MCR10EZHJ102E	R94	RK0045	Chip R, MCR10EZHJ472E
ъ. П	01100110	01: 0.00010011110011	R9	RK0035	Chip R, MCR10EZHJ102E	R95	RK0001	Chip R, MCR10EZHJ100E
21		Chip C, C2012B1H102K	R10	RK0035	Chip R, MCR10EZHJ102E	R96	RK0035	Chip R, MCR10EZHJ102E
02		Chemical C, 16MV47SWB	R11	RK0035	Chip R, MCR10EZHJ102E			
C3	CU8016	Chip C, C2012B1H102K	R12	1	R. Ally, MNR14J473E	R97	RK0081	Chip R, MCR10EZHJ564E
vo I			1.017	1010004	11. UTTA MUNITANA 19E	R99	RK0070	Chip R, MCR10EZHJ124E
C4	CE0313	Chemical C, 16CV22B	R13	RK0052	Chip R, MCR10EZHJ103E	R100	RK0070	Chip R, MCR10EZHJ124E

Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number	Ref. No.	Part Code	Part Name and Number
R102	RK0052	Chip R. MCR10EZHJ103E	C31	CE0033	Chemical C, 10MV10UWA	R21	RK0018	Chip R, MCR10EZHJ101E
R103	RK0052	Chip R. MCR10EZHJ103E	İ			R22	RK0044	Chip R, MCR10EZHJ392E
R104	RK0045	Chip R, MCR10EZHJ472E	CN3D	UE0076	Pin Header, SB4P-HVQ-CA	R23	RK0013	Chip R, MCR10EZHJ560E
R105	RK0045	Chip R, MCR10EZHJ472E	CN36	UE0097	Pin Header, SB3P-HVQ-CA	R26	RK0107	Chip R, MCR10EZHJ000E
R106	RK0043	Chip R, MCR10EZHJ101E				R29	RK0018	Chip R, MCR10EZHJ101E
R107	RK0027	Chip R, MCR10EZHJ391E	Q5	XU0012	Digital Transistor,	1		
R108	RK0027	Chip R, MCR10EZHJ391E			DTC114EK			
R111	RK0052	Chip R, MCR10EZHJ103E	Q6	XE0010	FET, 2SK508K52T1			IF PLL Unit
R112	RK0052	Chip R. MCR10EZHJ103E	Q7	XT0081	Transistor, 2SC2714Y	11	Vr	IF PLL UIIIL
R113	RK0052	Chip R. MCR10EZHJ103E	Q8	XE0010	FET, 2SK508K52T1	C1	CS0221	Chip Tantal, TMC-MIC475
R114	RK0052	Chip R, MCR10EZHJ103E	Q9	XT0081	Transistor, 2SC2714Y	C2	CS0063	Chip Tantal, TMC1V104
R115	RK0045	Chip R, MCR10EZHJ472E	Q10	XU0012	Digital Transistor,	C3	CU0071	Chip C, C2012CH1H101J
R116	RK0069	Chip R. MCR10EZHJ104E			DTC114EK	C4	CU8016	Chip C, C2012B1H102K
R117	RK0052	Chip R. MCR10EZHJ103E				C5	CS0061	Chip Tantal, TMC1V224
R118	RK0107	Chip R. MCR10EZHJ000E	D4	XD0077	Varicap, 1SV161	C6	CS0057	Chip Tantal, TMCOJ225
R119	RK0001	Chip R. MCR10EZHJ100E	D6	XD0077	Varicap, 1SV161	C8	CU0011	Chip C, C2012CH1H100D
R120	RK0069	Chip R, MCR10EZHJ104E				C9	CU8016	Chip C, C2012B1H102K
R121	RK0069	Chip R. MCR10EZHJ104E	L3	QA0067	Coil, 100M0SC-2	C28	CU0071	Chip C, C2012CH1H101J
R122	RK0073	Chip R, MCR10EZHJ224E	L4	QC0110	Chip L, LER015T4R7K	C29	CU0071	Chip C, C2012CH1H101J
R123	RK0107	Chip R. MCR10EZHJ000E	L6	QC0104	Chip L, LER015T1R5M	1 020	000011	5.12p 0, 520 12 1
	1		L7	QC0104	Chip L, LER015T1R5M	R1	RK0052	Chip R, MCR10EZHJ103E
X1	XB0004	FAR, C4CA04194000K01	L9	QC0110	Chip L, LER015T4R7K	R2	RK0052	Chip R. MCR10EZHJ103E
	1		L10	QA0067	Coil, 100MOSC-2	R3	RK0052	Chip R. MCR10EZHJ103E
L1	QC0104	Chip L , LER105T1R5M	[ ]			R4	RK0052	Chip R, MCR10EZHJ103E
L2	QC0104	Chip L , LER105T1R5M	R16	RK0048	Chip R, MCR10EZHJ682E	R5	RK0018	Chip R, MCR10EZHJ101E
			R17	RK0018	Chip R, MCR10EZHJ101E	R6	RK0039	Chip R, MCR10EZHJ222E
IC1	XA0120	IC, µ PD75108GFK30-3BE	R18	RK0021	Chip R, MCR10EZHJ181E	R7	RK0035	Chip R, MCR10EZHJ102E
IC2	XA0118	IC, S-8054ALR-LN	R19	RK0028	Chip R, MCR10EZHJ471E	R8	RK0052	Chip R, MCR10EZHJ103E
IC3	XA0098	IC. NJM78L05UA	R20	RK0045	Chip R, MCR10EZHJ472E	R9	RK0039	Chip R, MCR10EZHJ222E
IC4	XA0082	IC, MC7808CT	R21	RK0028	Chip R, MCR10EZHJ471E	R10	RK0018	Chip R. MCR10EZHJ101E
IC5	XA0068	IC, M5218FP-T01-1	R22	RK0039	Chip R, MCR10EZHJ222E	R11	RK0107	Chip R, MCR10EZHJ000E
IC6	XA0120	IC, M51132L	R23	RK0018	Chip R, MCR10EZHJ101E	R12	RK0056	Chip R. MCR10EZHJ223E
IC7	XA0087	IC, TC4S01F	R24	RK0018	Chip R, MCR10EZHJ101E	R13	RK0052	Chip R, MCR10EZHJ103E
IC8	XA0087	IC, TC4S01F	R25	RK0018	Chip R, MCR10EZHJ101E	R14	RK0056	Chip R, MCR10EZHJ223E
IC9	XA0115	IC, TC4S66F	R26	RK0045	Chip R, MCR10EZHJ472E	R15	RK0022	Chip R, MCR10EZHJ221E
IC10	XA0115	IC, TC4S66F	R27	RK0028	Chip R, MCR10EZHJ471E	R30	RK0035	Chip R, MCR10EZHJ102E
	1		R28	RK0039	Chip R, MCR10EZHJ222E	R31	RK0107	Chip R, MCR10EZHJ000E
Q1	XT0037	Transistor, 2SC2412KR	R29	RK0021	Chip R. MCR10EZHJ181E	11		
Q2	XT0037	Transistor, 2SC2412KR	R32	RK0039	Chip R, MCR10EZHJ222E	CN37	UE0117	Pin Header, SB7P-HVQ-27
Q3	XT0037	Transistor, 2SC2412KR	<b> </b>	<u> </u>		<b>-</b>		
Q4	XU0015	Digital Transistor,		UH	IF VCO Unit	IC1	XA0149	IC, MB15101LPF
		DTC144TK	C10	CU8016	Chip C, C2012B1H102K	01	XT0038	Transistor, 2SA1037KR
Q5	XU0015	Digital Transistor,	C11	CU0003	Chip C, C2012CH1H020C	Q2	XT0077	Transistor, 2SC3326A
		DTC144TK	C12	CU0003	Chip C, C2012CH1H020C	Q3	XU0017	Digital Transistor,
Q6	XU0014	Digital Transistor,	C13	CU8016	Chip C, C2012B1H102K			DTA144EK
	.,,,,,,,,	DTC144EK	C14	CU0010	Chip C, C2012CH1H090D	Q4	XT0081	Transistor, 2SC2714Y
Q7	XU0012	Digital Transistor,	C15	CU8016	Chip C, C2012B1H102K			
		DTC114EK	C16	CS0063	Chip Tantal, TMC1V104	D1	XD0104	Diode, 02CZ6. 2Y
Q8	XT0091	Transistor, 2SB1412QF5T200	C17	CU0060	Chip C, C2012CH1H470J	D2	XD0103	Diode, 1SS226
Q9	XU0019	Digital Transistor,	C18	CU0005	Chip C, C2012CH1H040C			a
040	VIII COA C	DTA114YK	C19	CU0061	Chip C, C2012CH1H120J	L2	QC0108	Chip L. LER015T3R3K
Q10	XU0014	Digital Transistor,	C20	CU0001	Chip C, C2012CH1H0R5C		<u></u>	
	1	DTC144EKT146	C21	CU0009	Chip C, C2012CH1H080D		-	HF PLL Unit
			C22	CU0006	Chip C, C2012CH1H050C		U	HE PLL UIIIL
		VOI Unit	C23	CU0006	Chip C, C2012CH1H050C	C1	CUBO16	Chip C C201281H102K
		VOL Unit	C23 C28	CU0006 CE0033	Chip C, C2012CH1H050C Chip C, C201210MV10UMA	C1	CU8016 CS0057	Chip C, C2012B1H102K
VR1	RV0016	VR, RK0972210L2550KB×2			Chip C, C2012CH1H050C	C2	CS0057	Chip Tantal, TMC0J225
VR1 VR2	RV0016 RV0016	1	C28	CE0033	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J	C2 C3	CS0057 CS0063	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104
		VR, RK0972210L2550KB×2	C28	CE0033	Chip C. C2012CH1H050C Chip C. C201210MV10UMA Chip C. C2012CH1H220J Pin Header, SB3P-HVQ-CA	C2 C3 C4	CS0057 CS0063 CS0221	Chip Tantal, TMCOJ225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475
	RV0016	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2	C28 C29	CE0033 CU0064	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J	C2 C3 C4 C5	CS0057 CS0063 CS0221 CU0071	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J
	RV0016	VR, RK0972210L2550KB×2	C28 C29 CN56 CN5C	CE0033 CU0064 UE0097 UE0076	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H22OJ Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA	C2 C3 C4 C5 C7	CS0057 CS0063 CS0221 CU0071 CU0011	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D
VR2	RV0016	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2 HF VCO Unit	C28 C29 CN56 CN5C	CE0033 CU0064 UE0097 UE0076 XE0002	Chip C. C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H22OJ Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125	C2 C3 C4 C5 C7 C8	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224
VR2	RV0016  VI  CU8016	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit Chip C, C2012B1H102K	C28 C29 CN56 CN5C	CE0033 CU0064 UE0097 UE0076	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H22OJ Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA	C2 C3 C4 C5 C7 C8 C9	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K
VR2	CU8016 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q5 Q6	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25	C2 C3 C4 C5 C7 C8 C9 C25	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K
C10 C11 C12	CU8016 CU8016 CU8028 CU0059	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H1R5C	C28 C29 CN56 CN5C Q5 Q6	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25 Varicap, 1SV164	C2 C3 C4 C5 C7 C8 C9 C25 C26	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J
C10 C11 C12 C13	CU8016 CU8016 CU8028 CU0059 CU0051	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H1R5C Chip C, C2012CH1H471K	C28 C29 CN56 CN5C Q5 Q6 D4 D5	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25 Varicap, 1SV164 Varicap, 1SV161	C2 C3 C4 C5 C7 C8 C9 C25	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K
C10 C11 C12 C13 C14	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H185C Chip C, C2012CH1H471K Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q5 Q6	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25 Varicap, 1SV164	C2 C3 C4 C5 C7 C8 C9 C25 C26	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J
C10 C11 C12 C13 C14 C15	RV0016  VI  CU8016 CU8028 CU0059 CU0051 CU8028 CU0059	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H175C Chip C, C2012CH1H471K Chip C, C2012CH1H03K Chip C, C2012CH1H103K Chip C, C2012CH1H103K Chip C, C2012CH1H185C	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25 Varicap, 1SV164 Varicap, 1SV161	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J
C10 C11 C12 C13 C14 C15 C16	RV0016  VI  CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012CH1H103K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012CH1H65C Chip C, C2012CH1H75C Chip C, C2012CH1H75C Chip C, C2012CH1H75C	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J
C10 C11 C12 C13 C14 C15 C16 C17	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H185C Chip C, C2012CH1H471K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012CH1H85C Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q6 Q6 D4 D5 D6 L3 L4	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, 0R5-2R2-3R5TRS	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060 CU0060	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H00D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27
C10 C11 C12 C13 C14 C15 C16 C17 C18	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CU8016	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H1R5C Chip C, C2012CH1H471K Chip C, C2012CH1H25C Chip C, C2012CH1H25C Chip C, C2012CH1H25C Chip C, C2012CH1H25C Chip C, C2012CH1H220J Chip C, C2012B1H102K Chip C, C2012B1H102K	C28 C29 CN56 CN5C Q6 Q6 D4 D5 D6 L3 L4 L5	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, 0R5-2R2-3R5TRS Chip L, LER015TR56M	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060 CU0060	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H00D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19	CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CU8016 CS0063	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012CH1H475C Chip C, C2012CH1H471K Chip C, C2012CH1H25C Chip C, C2012B1H103K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip Tantal, TMC1V104	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3 L4 L5 L6	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, OR5-2R2-3R5TRS Chip L, LER015TR56M Chip L, NL322522T-039M	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57	CS0057 CS0063 CS0221 CU0011 CU0011 CS0061 CU8016 CU8016 CU0060 CU0060 UE0117 XA0149	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFG8NDTF
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0069 CU0064 CU8016 CU8016 CS0063 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012CH1H175C Chip C, C2012B1H103K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip Tantal, TMCIV104 Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3 L4 L5 L6 L7	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062 QC0096	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header. SB3P-HVQ-CA Pin Header. SB4P-HVQ-CA FET, 2SK125 Transistor. 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161  Chip L, LER015TR82M Coil, 0R5-2R2-3R5TRS Chip L, LER015TR56M Chip L, LER015TR33M Chip L, LER015TR33M	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060 CU0060 UE0117 XA0149	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFGBNDTF Transistor, 2SA1037KR
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21	CU8016 CU8016 CU8028 CU0059 CU0059 CU0064 CU8016 CU8016 CS0063 CU8028 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012CH1H1R5C Chip C, C2012CH1H1R5C Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012B1H102K Chip Tantal, TMCIV104 Chip C, C2012B1H103K Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3 L4 L5 L6	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, OR5-2R2-3R5TRS Chip L, LER015TR56M Chip L, NL322522T-039M	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57 IC1	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060 CU0060 UE0117 XA0149 XT0038 XT0077	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFG8NDTF Transistor, 2SA1037KR Transistor, 2SC3326A
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C23	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CS0063 CU8028 CU8028 CU8028 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012B1H103K Chip C, C2012CH1H485C Chip C, C2012CH1H85C Chip C, C2012CH1H220J Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q6 D4 D5 D6 L3 L4 L5 L6 L7 L8	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062 QC0096 QC0101	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, 0R5-2R2-3R5TRS Chip L, LER015TR56M Chip L, LER015TR33M Chip L, LER015TR33M Chip L, LER015TR32M	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU0060 CU0060 UE0117 XA0149 XT0038 XT0077 XT0038	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-IIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFG8NDTF Transistor, 2SA1037KR Transistor, 2SC3326A Transistor, 2SA1037KR
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C23 C24	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CS0063 CU8028 CU8028 CU0059 CU0064	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012B1H103K Chip C, C2012CH1H475C Chip C, C2012CH1H220J Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012CH1H185C Chip C, C2012CH1H185C Chip C, C2012CH1H185C	C28 C29 CN56 CN5C Q6 D4 D5 D6 L3 L4 L5 L6 L7 L8	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062 QC0096 QC0101 RK0035	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, 0R5-2R2-3R5TRS Chip L, LER015TR56M Chip L, LER015TR33M Chip L, LER015TR32M Chip L, LER015TR32M Chip L, LER015TR32M Chip L, LER015TR32M Chip R, MCR10EZHJ102E	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU0060 CU0060 UE0117 XA0149 XT0038 XT0077 XT0038	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-IIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFG8NDTF Transistor, 2SA1037KR Transistor, 2SC3326A Transistor, 2SA1037KR
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C23 C24 C25	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CS0063 CU8028 CU8028 CU0059 CU0064 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012CH1H22OJ Chip C, C2012B1H102K Chip Tantal, TMC1V104 Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012CH1H12SC Chip C, C2012CH1H12SC Chip C, C2012CH1H22OJ Chip C, C2012CH1H22OJ Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3 L4 L5 L6 L7 L8 R16 R17	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062 QC0096 QC0101 RK0035 RK0065	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, 0R5-ZR2-3R5TRS Chip L, LER015TR56M Chip L, LER015TR33M Chip L, LER015TR82M Chip L, LER015TR82M Chip L, LER015TR82M Chip L, LER015TR82M Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ108	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57 IC1 Q1 Q2 Q3 Q4	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU8016 CU0060 CU0060 UE0117 XA0149 XT0038 XT0077 XT0038 XT0030	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFG8NDTF Transistor, 2SA1037KR Transistor, 2SC3326A Transistor, 2SC3356BR25
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C23 C24 C25 C26	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CS0063 CU8028 CU0059 CU0064 CU8016 CS0063 CU8028 CU8028 CU8028 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H1R5C Chip C, C2012CH1H1R5C Chip C, C2012CH1H17EC Chip C, C2012B1H103K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012CH1H1R5C Chip C, C2012CH1H1R5C Chip C, C2012CH1H103K	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3 L4 L5 L6 L7 L8	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062 QC0096 QC0101 RK0035 RK0065 RK0018	Chip C, C2012CH1H050C Chip C, C2012IOMV10UMA Chip C, C2012IOMV10UMA Chip C, C2012CH1H22OJ  Pin Header. SB3P-HVQ-CA Pin Header. SB4P-HVQ-CA FET, 2SK125 Transistor. 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161  Chip L, LER015TR82M Coil, 0R5-2R2-3R5TRS Chip L, LER015TR56M Chip L, LER015TR56M Chip L, LER015TR33M Chip L, LER015TR33M Chip L, LER015TR33M Chip L, LER015TR32M  Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ101E	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57 IC1 Q1 Q2 Q3 Q4	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU0060 CU0060 UE0117 XA0149 XT0038 XT0077 XT0038 XT0030	Chip Tantal, TMCOJ225 Chip Tantal, TMCOJ225 Chip Tantal, TMCIV104 Chip Tantal, TMC-MIC475 Chip C, C2012CH1H101J Chip C, C2012CH1H100D Chip Tantal, TMCIV224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFG8NDTF Transistor, 2SA1037KR Transistor, 2SC3326A Transistor, 2SC3356BR25 Zenner, 02CZ6. 2Y Diode, 1SS226
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C23 C24 C25	CU8016 CU8016 CU8028 CU0059 CU0051 CU8028 CU0059 CU0064 CU8016 CS0063 CU8028 CU8028 CU0059 CU0064 CU8028	VR, RK0972210L2550KB×2 VR, RK0972210L2550KB×2  HF VCO Unit  Chip C, C2012B1H102K Chip C, C2012B1H103K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012CH1H471K Chip C, C2012CH1H22OJ Chip C, C2012B1H102K Chip Tantal, TMC1V104 Chip C, C2012B1H103K Chip C, C2012B1H103K Chip C, C2012CH1H12SC Chip C, C2012CH1H12SC Chip C, C2012CH1H22OJ Chip C, C2012CH1H22OJ Chip C, C2012B1H103K	C28 C29 CN56 CN5C Q5 Q6 D4 D5 D6 L3 L4 L5 L6 L7 L8 R16 R17	CE0033 CU0064 UE0097 UE0076 XE0002 XT0030 XD0100 XD0077 XD0077 QC0101 QK0086 QC0099 QC0062 QC0096 QC0101 RK0035 RK0065	Chip C, C2012CH1H050C Chip C, C201210MV10UMA Chip C, C201210MV10UMA Chip C, C2012CH1H220J  Pin Header, SB3P-HVQ-CA Pin Header, SB4P-HVQ-CA FET, 2SK125 Transistor, 2SC3356BR25  Varicap, 1SV164 Varicap, 1SV161 Varicap, 1SV161 Chip L, LER015TR82M Coil, 0R5-ZR2-3R5TRS Chip L, LER015TR56M Chip L, LER015TR33M Chip L, LER015TR82M Chip L, LER015TR82M Chip L, LER015TR82M Chip L, LER015TR82M Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ102E Chip R, MCR10EZHJ108	C2 C3 C4 C5 C7 C8 C9 C25 C26 C27 CN57 IC1 Q1 Q2 Q3 Q4	CS0057 CS0063 CS0221 CU0071 CU0011 CS0061 CU8016 CU0060 CU0060 UE0117 XA0149 XT0038 XT0077 XT0038 XT0030	Chip Tantal, TMC0J225 Chip Tantal, TMC1V104 Chip Tantal, TMC-MIC475 Chip C, C2012CHHH101J Chip C, C2012CHH100D Chip Tantal, TMC1V224 Chip C, C2012B1H102K Chip C, C2012B1H102K Chip C, C2012CH1H470J Chip C, C2012CH1H470J Pin Header, SB7P-HVQ-27 IC, MB1501LPFGBNDTF Transistor, 2SA1037KR Transistor, 2SC3326A Transistor, 2SC3356BR25 Zenner, 02CZ6. 2Y

	Part Code	Part Name and Number	Ref No	Part Name and Number	Ref. No.	Part Code	Part Name and Num
	RK0052	Chip R, MCR10EZHJ103E					
	RK0018	Chip R.MCR10EZHJ101E	11				
	RK0052	Chip R, MCR10EZHJ103E					
	RK0052	Chip R, MCR10EZHJ103E					
	RK0039	Chip R, MCR10EZHJ222E					
	RK0035	Chip R, MCR10EZHJ102E					
	RK0052	Chip R, MCR10EZHJ103E					
	RK0039	Chip R, MCR10EZHJ222E					
-	RK0052	Chip R, MCR10EZHJ103E					
)	RK0018	Chip R, MCR10EZHJ101E					
- 1	RK0107	Chip R, MCR10EZHJ000E			11	1 1	
2	RK0062	Chip R, MCR10EZHJ473E				1	
1	RK0045	Chip R, MCR10EZHJ472E					
ļ	RK0039	Chip R, MCR10EZHJ222E					
	RK0045	Chip R, MCR10EZHJ472E					
	RK0022	Chip R, MCR10EZHJ221E	11				
١	RK0018	Chip R, MCR10EZHJ101E				1	
	RK0018	Chip R, MCR10EZHJ101E					
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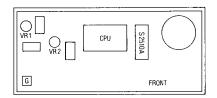
#### ■ CABINET PARTS LOCATION

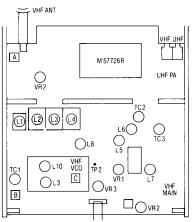


## ■ ADJUSTMENT

## 1. VHF Unit

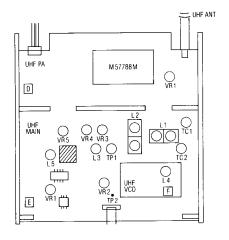
ITEM	ADJUSTMENT POINT (S)	ADJUSTMENT METHOD
VCO VOLTAGE	© L3, L10 (VCO BOX)	At 145.00MHz, adjust L3 so that the voltage of TP2 on B substrate is 3.0V. At 145.00MHz, pressing the PTT button, adjust L10 so that the voltage of TP2 on B substrate is 3.4V.
BASIC FREQUENCY	® TC1	Pressing PTT button, adjust TC1 so that f-counter indicates 145.950 $\pm$ 0.1 kHz (T) or 144.950 $\pm$ 0.1kHz (E) MHz.
TX POWER	® TC2, 3	On "HI" position, pressing the PTT button, adjust TC2 and TC3 so that the power is maximum at 145.95MHz (T) or 144.95MHz (E).
POWER OUTPUT	(A) VR2 (HI) (E) VR3 (MID) (E) VR4 (LO)	On "HI" position, turn VR2 for 45W output at 145.95MHz (T) or 144.95MHz (E).  Verify the lightining of the entire RF meter.  On "MID" position, turn VR3 for 10W output at 145.95MHz (T) or 144.95MHz (E).  On "LO" position, turn VR4 for 5W output at 145.95MHz (T) or 144.95MHz (E).
DEVIATION	® VR3	Enter the AF level of 0dBm, then pressing the PTT button, adjust VR3 so that you obtain 4.8kHz/Dev at 145.95MHz (T) or 144.95MHz (E) and AF 1kHz.
MIC GAIN	© VR1	Enter the AF level of -46dBm, then pressing the PTT button, adjust VR1 so that you obtain 4.0kHz/Dev at 444.95MHz (T) or 434.95MHz (E) and AF 1kHz.
SUBAUDIBLE TONE DEVIATION (DR-590T)	© VR2	Pressing the tone button at 145.95MHz, verify 0.6-0.8kHz/Dev at tone frequency of 88.5Hz.
1750Hz TONE DEVIATION (DR-590E)	© VR2	Pressing the tone button, verify that the tone frequency is 1750Hz and the deviation is 3.5kHz $\pm0.2$ kHz.
DESCRIMINATOR	B L5, 6, 7	At 146.03MHz (T) or 145.03MHz (E) and 60 dB $\mu$ input, adjust L5, 6, 7 so that the distortion is minimum at 50mW.
SENSITIVITY	B L1, 2, L3, 4, 8	Adjust L1, 2, 3, 4, 8 so that 12dB SINAD sensitivity is the highest at 146.03MHz (T) or 145.03MHz (E).
SQUELCH	® VR2	At 146.03MHz (T) or 145.03MHz (E) and cut SG output. Adjust squelch knob point by VR2.
S-METER	® VR1	At 145.03MHz (T) and 3-dB $\!\mu$ [EMF], adjust VR1 so that 2 in the S-meter begins to light.



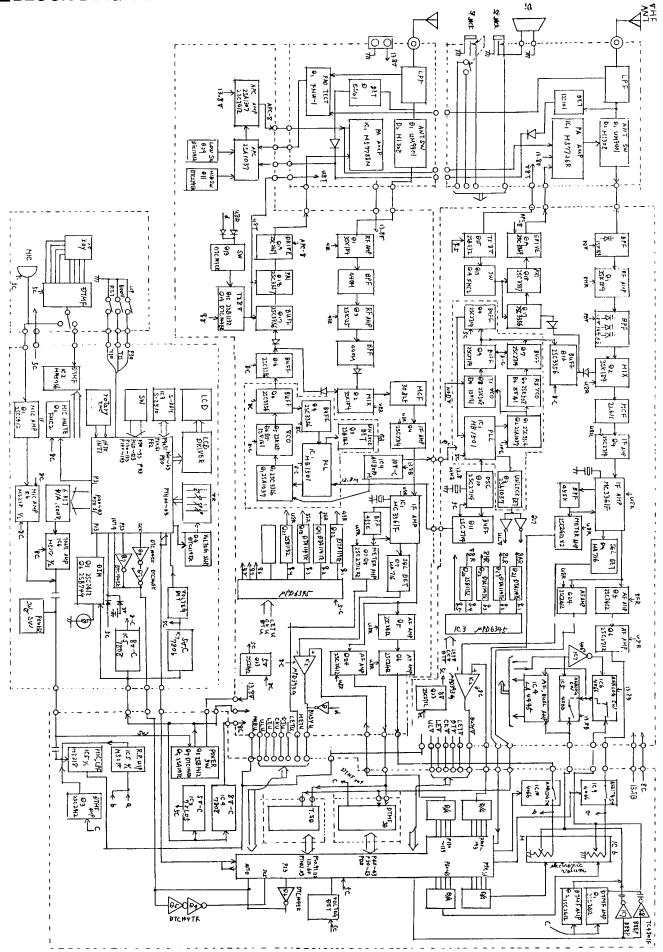


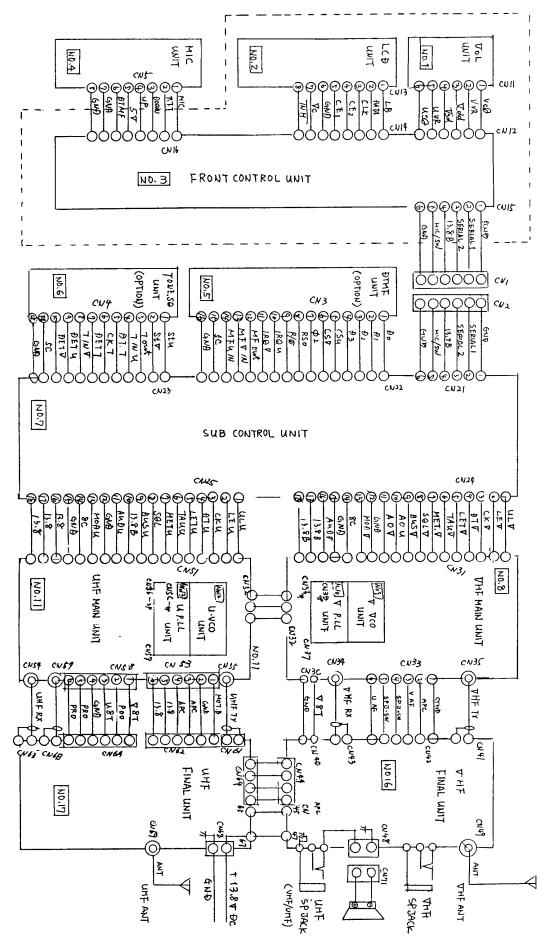
#### 2. UHF Unit

ITEM	ADJUSTMENT POINT (S)	ADJUSTMENT METHOD
VCO VOLTAGE	(F) L4 (VCO BOX)	At 445.00MHz (T) or 435.00MHz (E), adjust L4 so that the voltage of TP2 on E substrate is 4.0V (T) or 3.2V (E).
POWER OUTPUT	© VR1 (HI)  © VR3 (MID)  © VR4 (LO)	On "HI" position, turn VR1 for 35W output at 444.95MHz (T) at 434.95MHz (E). Verify the lighting of the entire RF meter. On "MID" position, turn VR3 for 8W output at 444.95MHz (T) or 434.95MHz (E). On "LO" position, turn VR4 for 4W output at 444.95MHz (T) or 434.95MHz (E).
DEVIATION	€ VR2	Enter the AF level of 0dBm, then pressing the PTT button, adjust VR2 so that you obtain 4.8kHz/Dev at 444.95MHz (T) or 434.95MHz (E) and AF 1kHz.
MIC GAIN	© VR1	Enter the AF level of $-46 \text{dBm}$ , then pressing the PTT button, adjust VR1 so that you obtain $4.0 \text{kHz/Dev}$ at $444.95 \text{MHz}$ (T) or $434.95 \text{MHz}$ (E) and AF 1kHz.
SUBAUDIBLE TONE DEVIATION (DR-590T)	© VR2	Pressing the tone button at 444.95MHz, verify 0.6-0.8kHz/Dev at tone frequency of 88.5Hz. Adjust VR2.
1750Hz TONE DEVIATION (DR-590E)	© VR2	Pressing the tone button, verify that the tone frequency is 1750Hz and the deviation is 3.5kHz $\pm0.2$ kHz. Adjust VR2.
HELICAL FILTER	© TC1, TC2 L1, L2	Connect the output of a tracking generator to the antena and spectrum analyzer to TP1 the adjust TC1, 2 and L1, 2 so that the sensitivity is at its peak between 440 and 450MHz at maximum gain. (570E: 430–440MHz)
DESCRIMINATOR	€ L3, L5	At 445.03MHz (T) or 435.03MHz (E) and 60 dB $\mu$ input, adjust L3, L5 so that the distortion is minimum at 50mW.
SQUELCH	© VR1	At 445.03MHz (T) or 435.03MHz (E) and cut the SG output power. Adjust squelch knob point by VR1.
S-METER	© VR5	At 445.03MHz (T) or 435.03MHz (E) and 3-dB $\mu$ [EMF], adjust VR5 so that 2 in the S-meter begins to light.

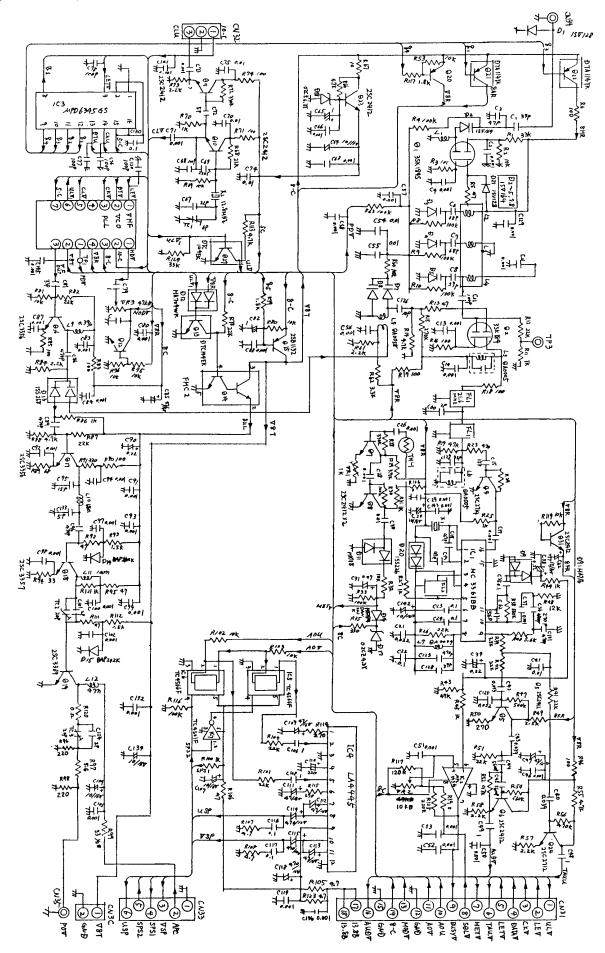


#### ■BLOCK DIAGRAM

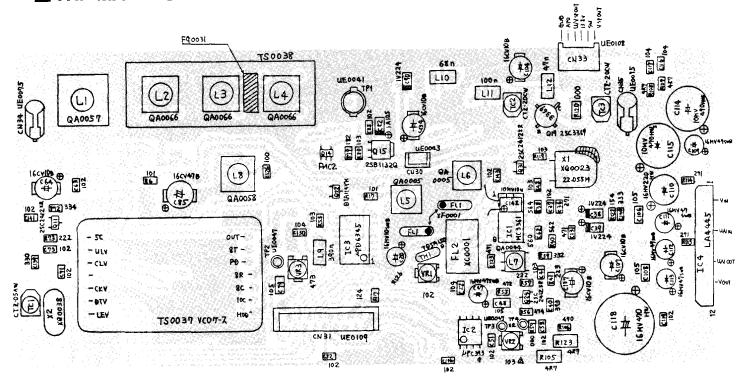


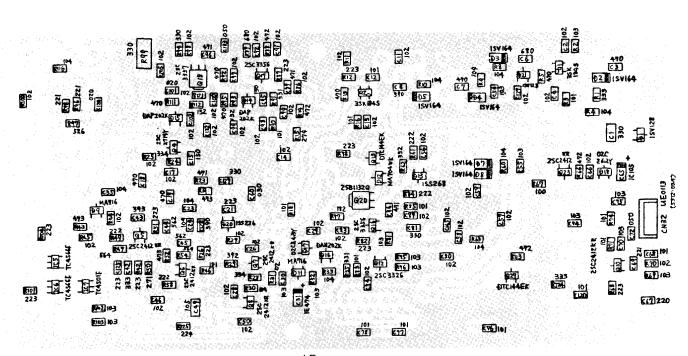


## **SCHEMATIC DIAGRAM OF VHF MAIN UNIT**

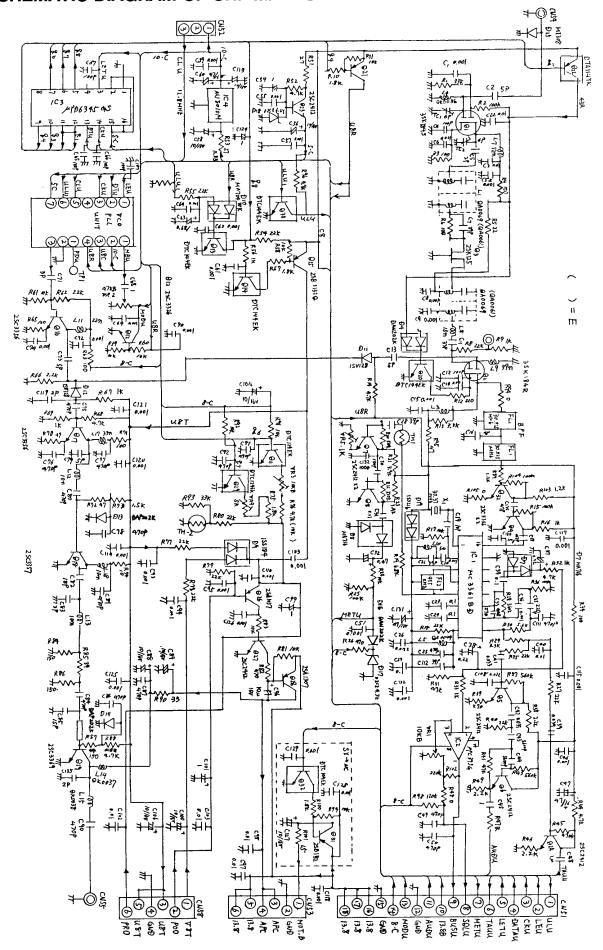


#### VHF MAIN PC BOARDS

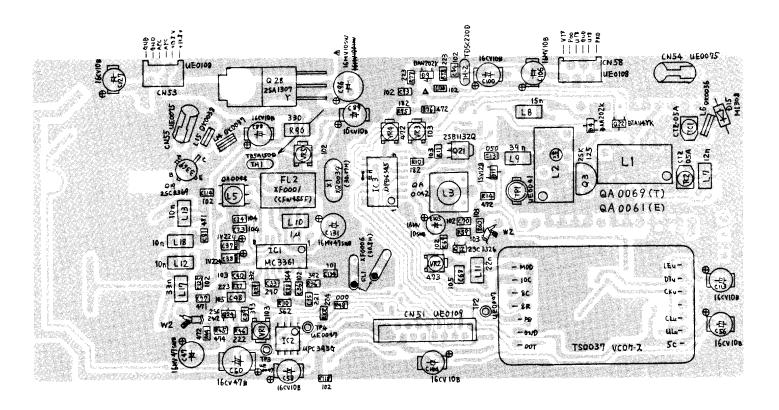


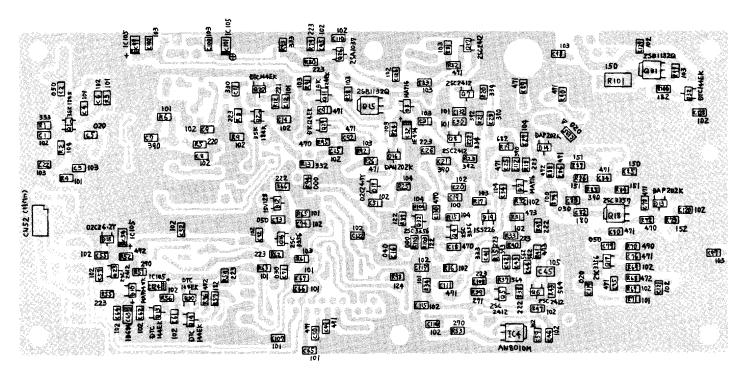


#### ■ SCHEMATIC DIAGRAM OF UHF MAIN UNIT

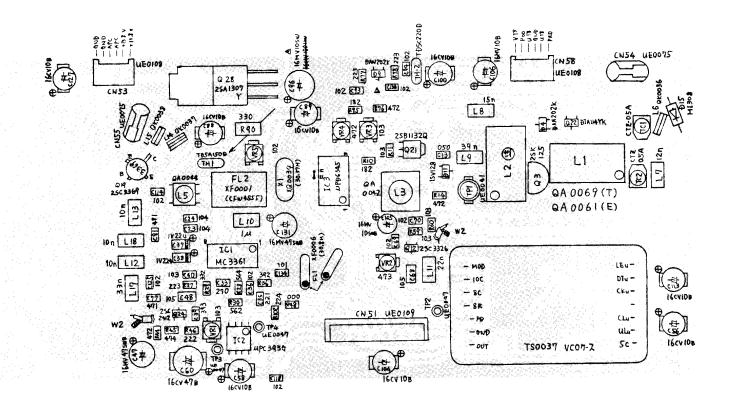


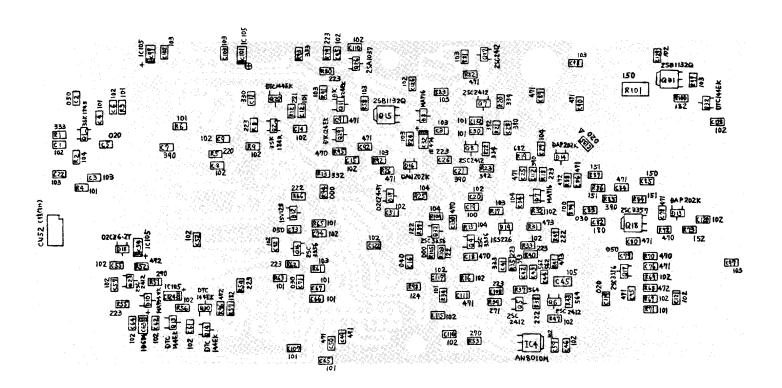
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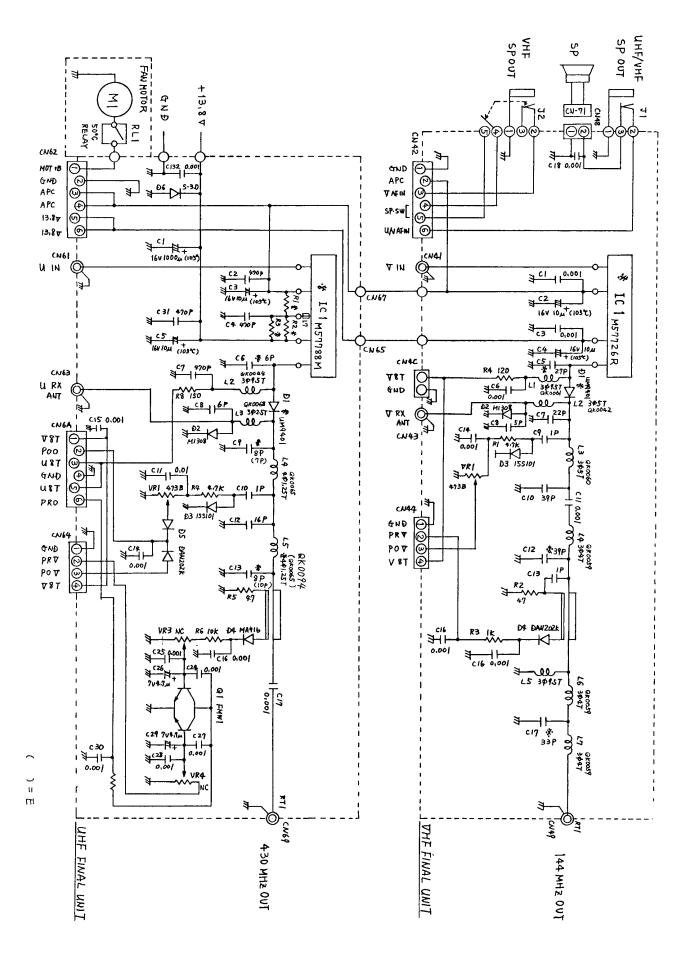


#### ■ UHF MAIN PC BOARDS

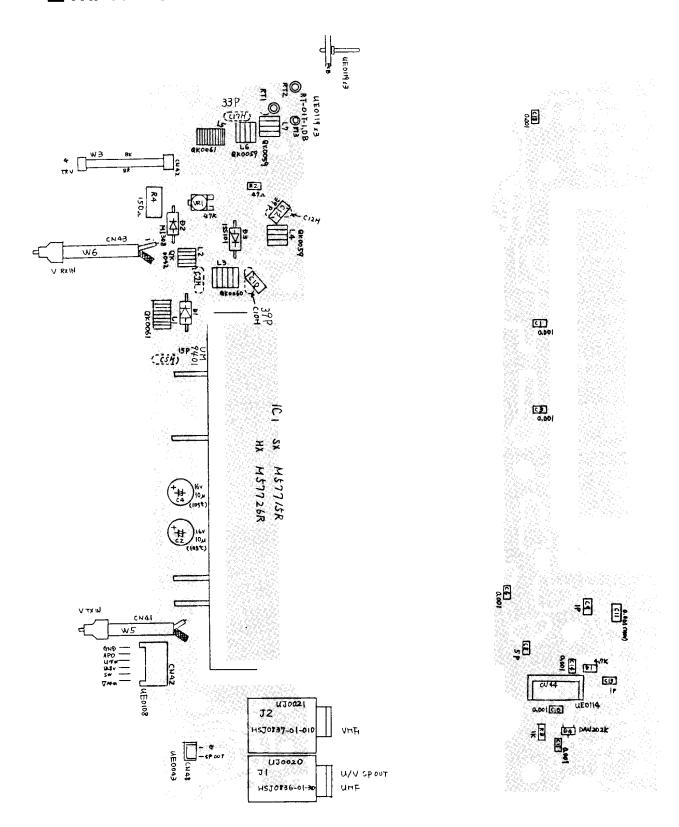




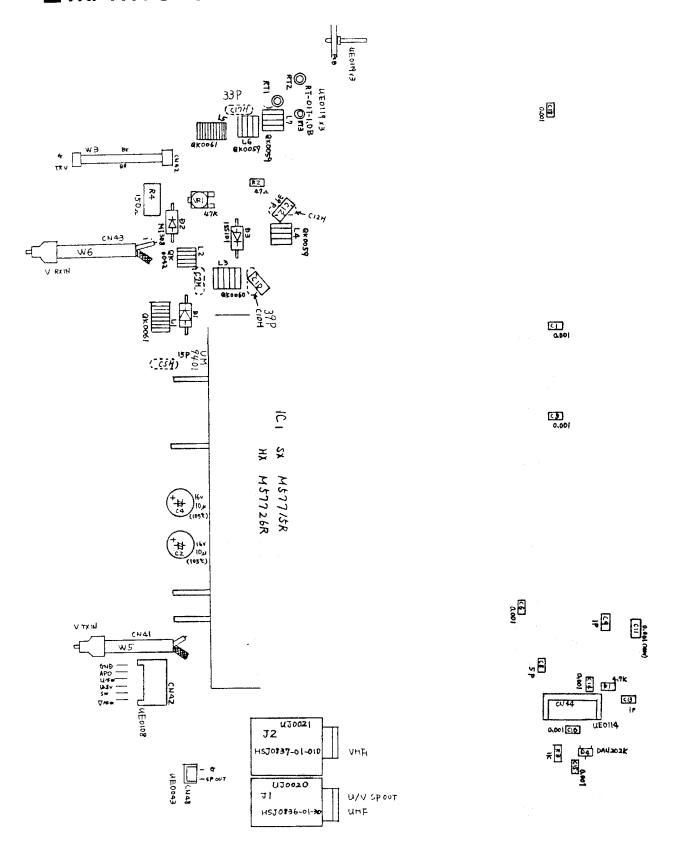
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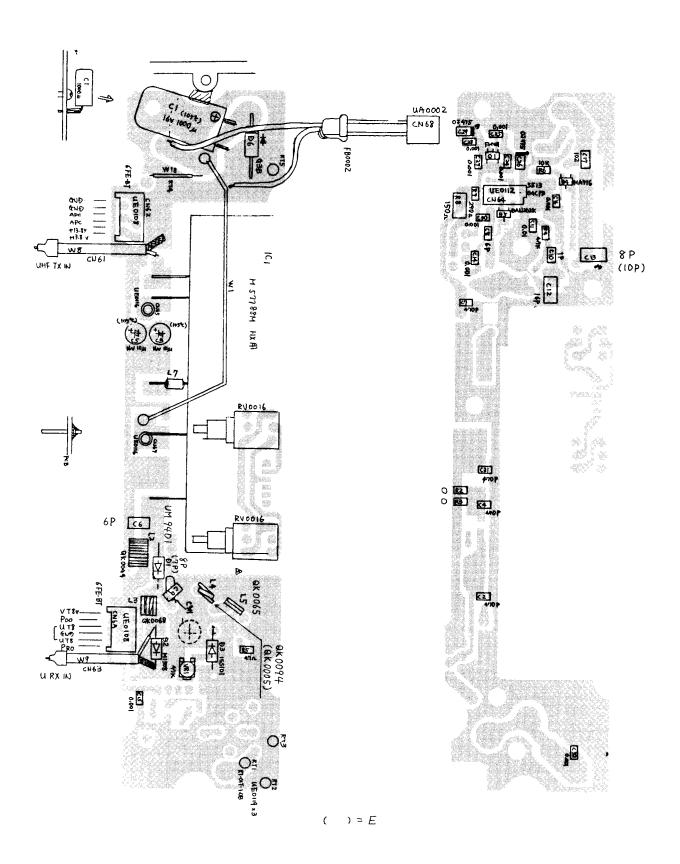
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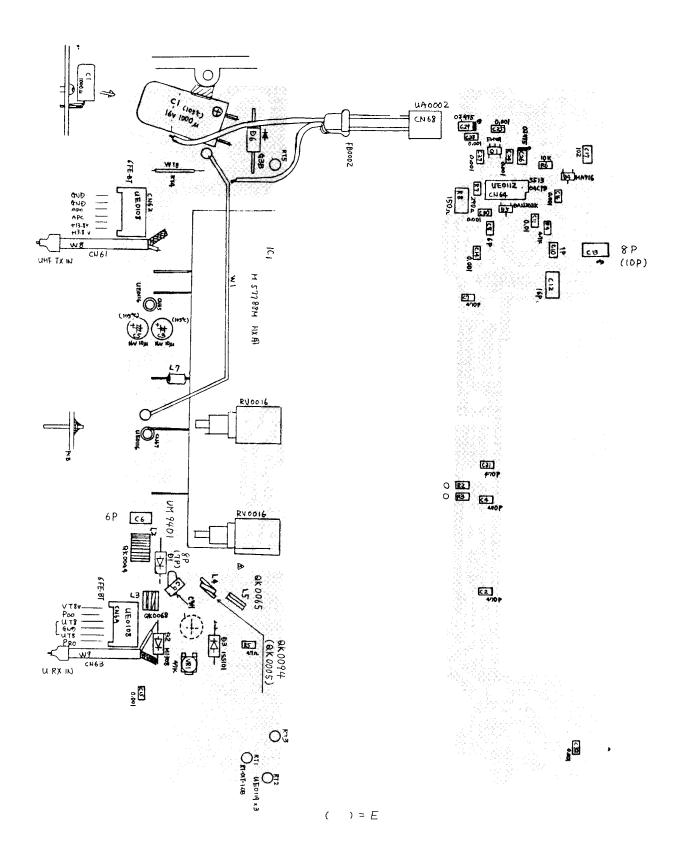
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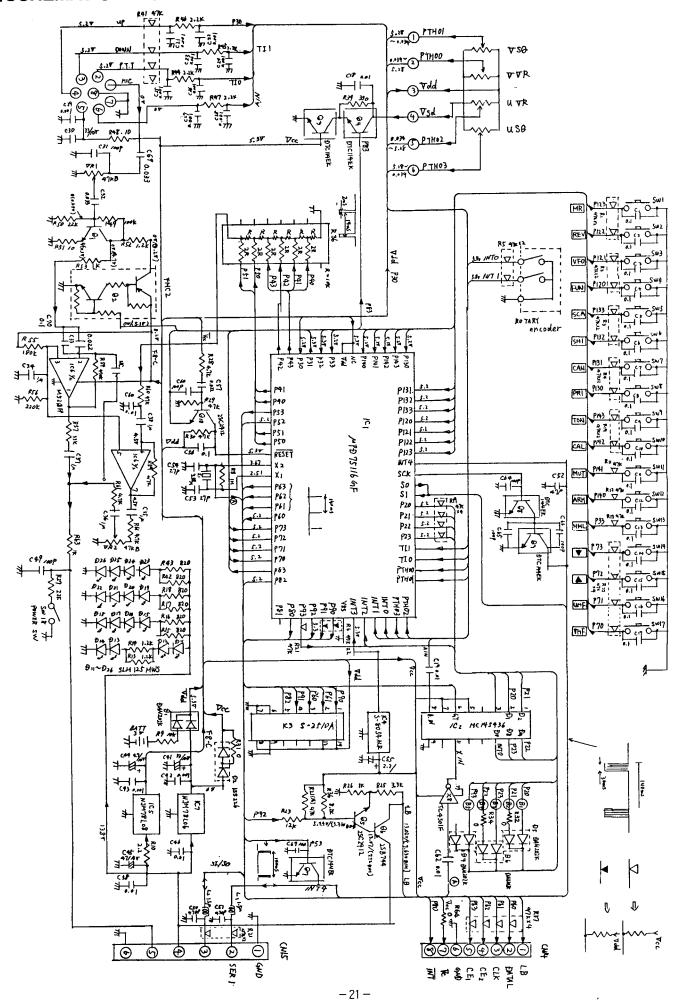
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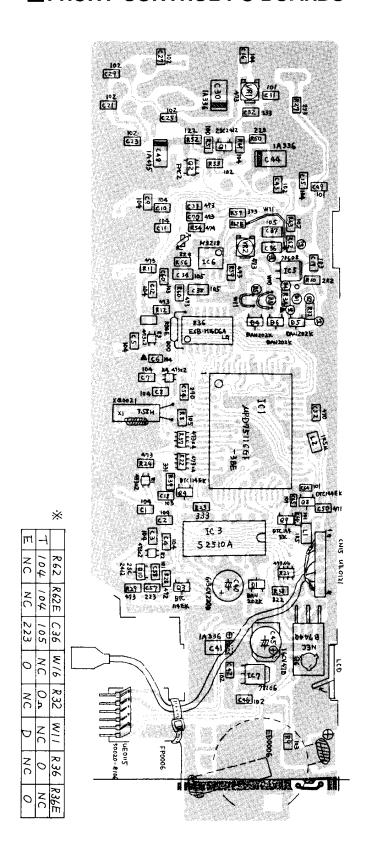
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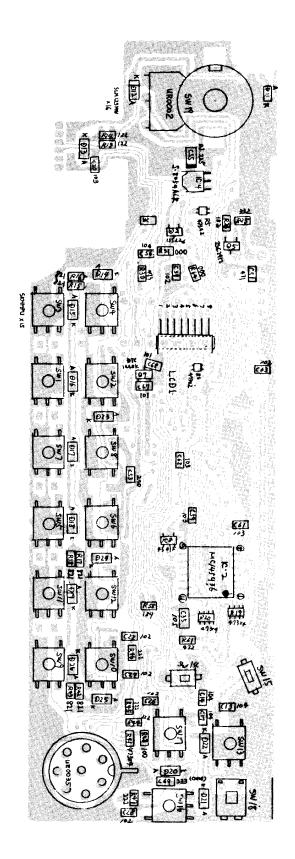


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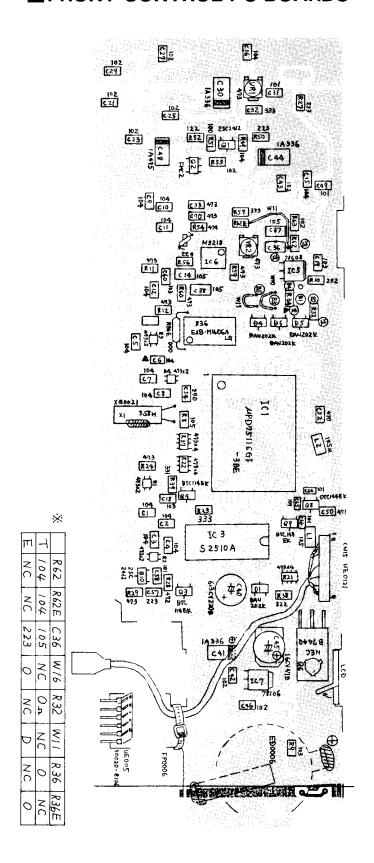


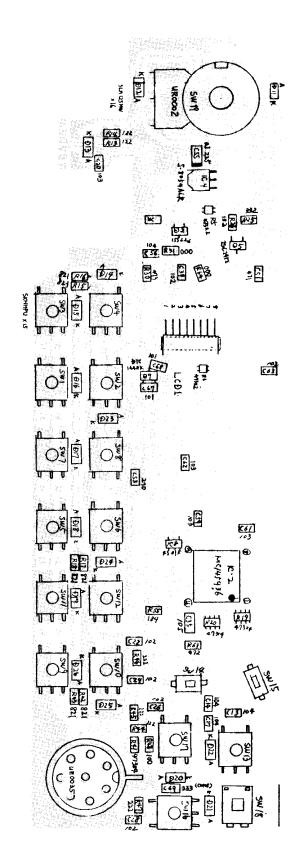
## FRONT CONTROL PC BOARDS



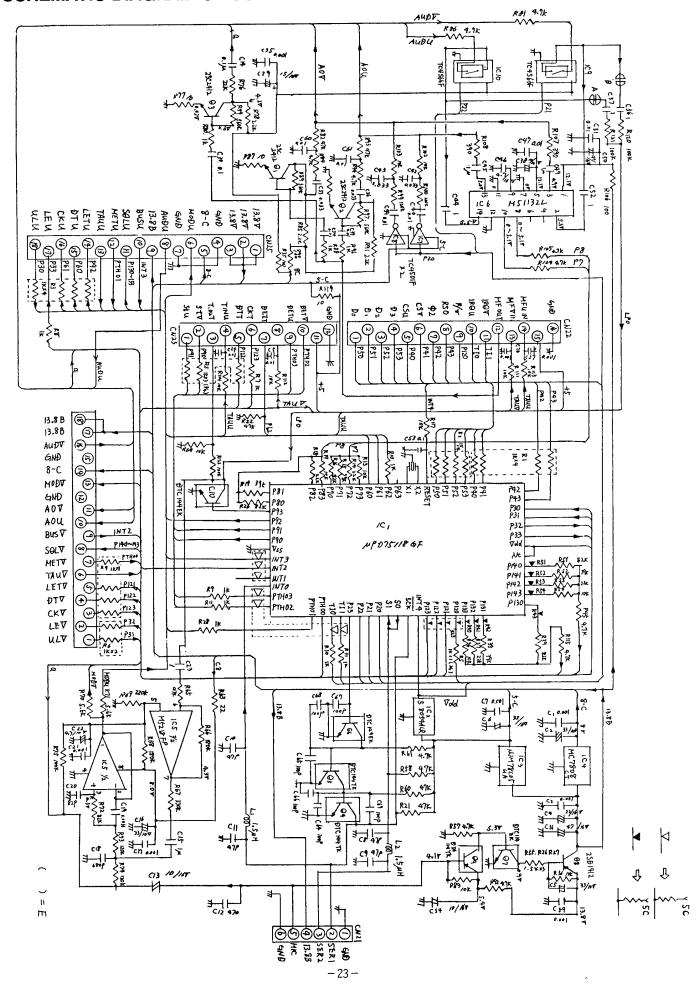


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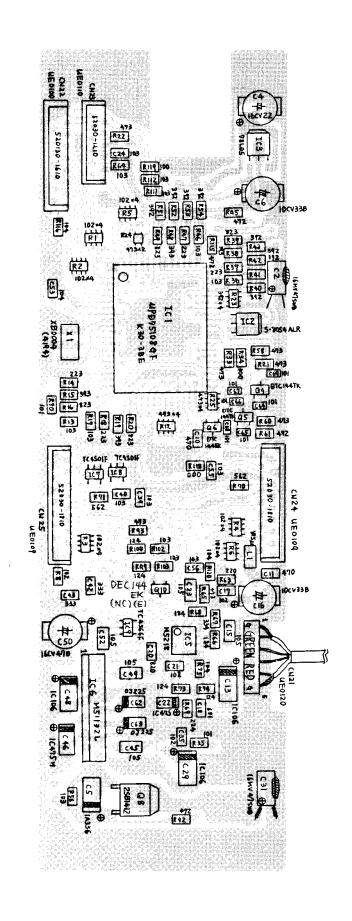


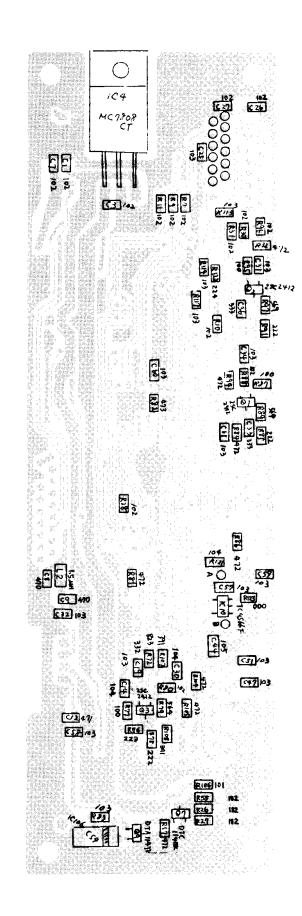


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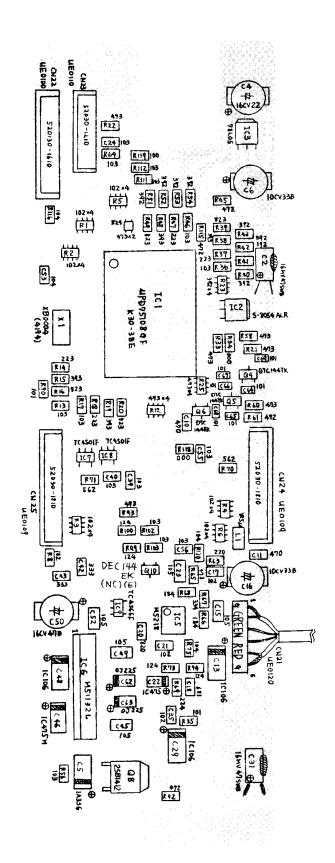


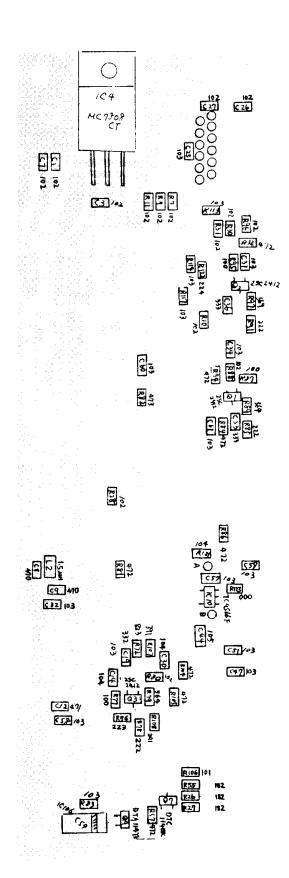
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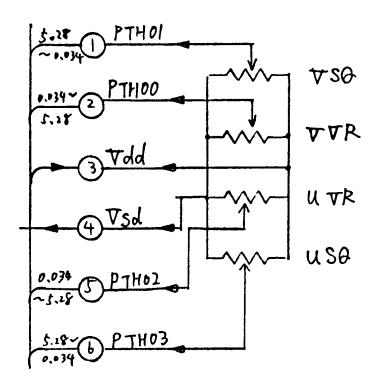


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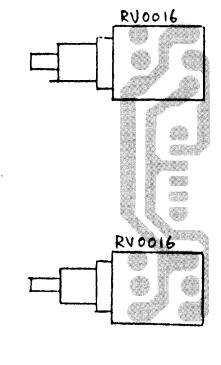




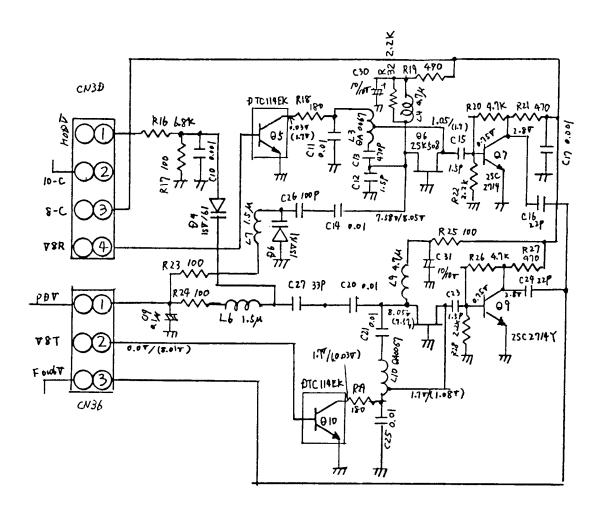
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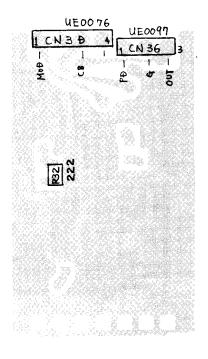
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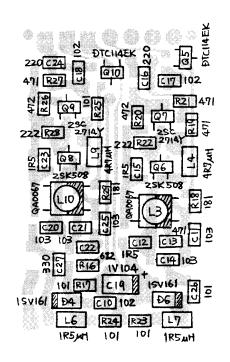


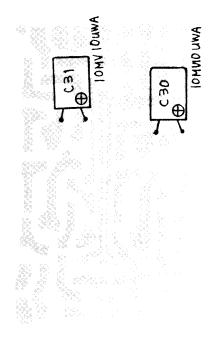
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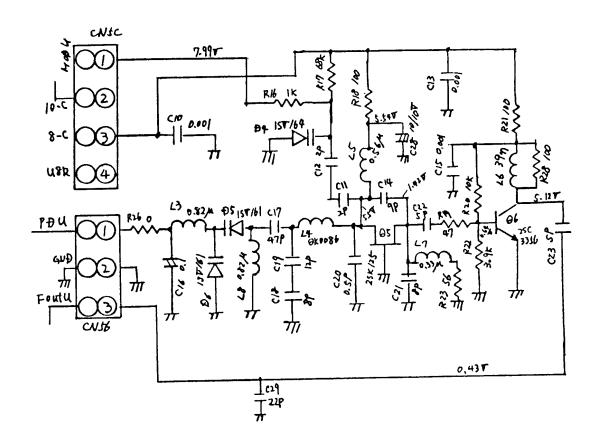
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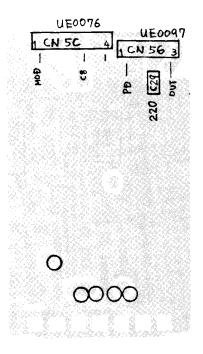


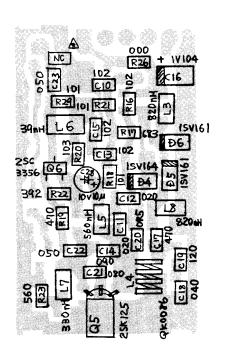


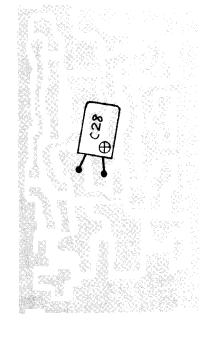
## SCHEMATIC DIAGRAM OF UHF VCO UNIT



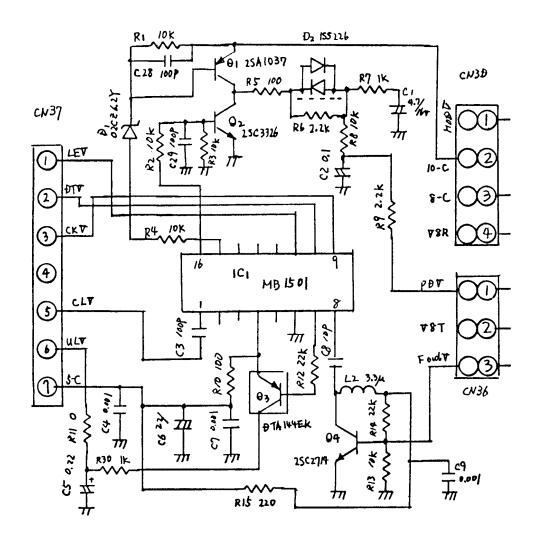
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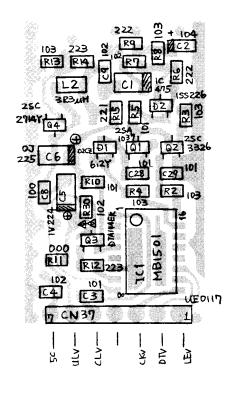


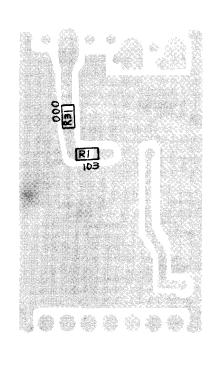


## SCHEMATIC DIAGRAM OF VHF PLL UNIT

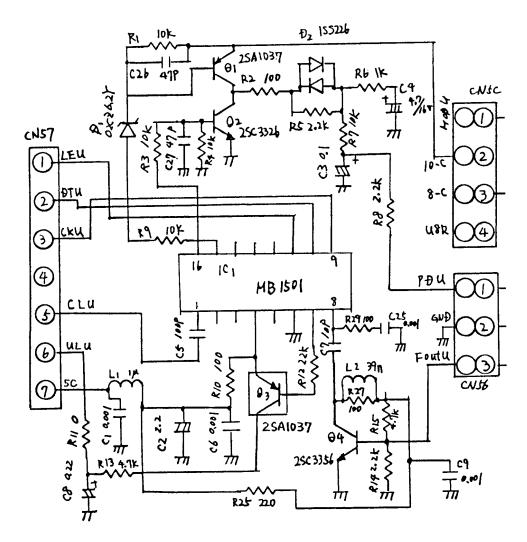


## ■ VHF PLL PC BOARDS

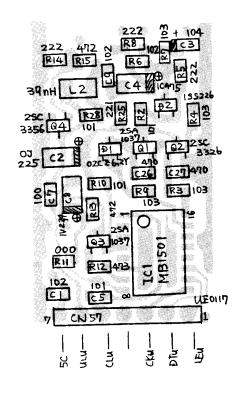


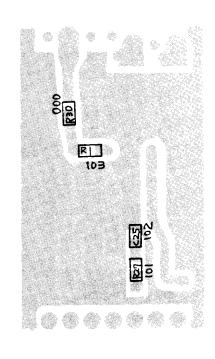


## SCHEMATIC DIAGRAM OF UHF PLL UNIT



## **■UHF PLL PC BOARDS**





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